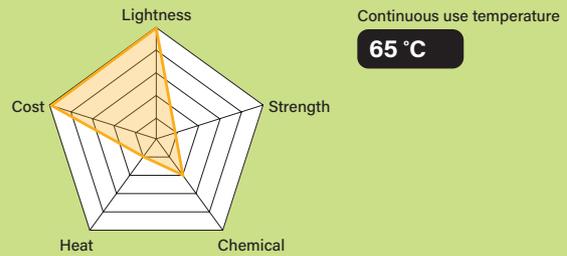
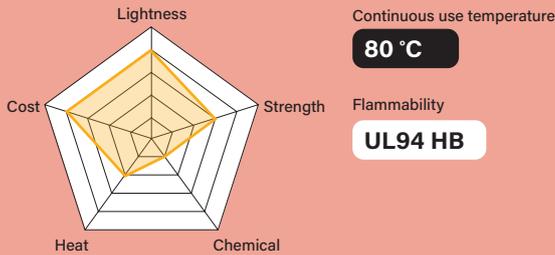


A radar chart that provides a general overview of the material's quality characteristics. It is based on our internal analysis and should not be considered as a guarantee of performance. Please note that temperature resistance, as well as compliance with UL94 flammability standards, can vary significantly depending on the specific type of raw material used, the commercial brand, and the processing methods employed. For a more accurate assessment, it is essential to contact our sales department.

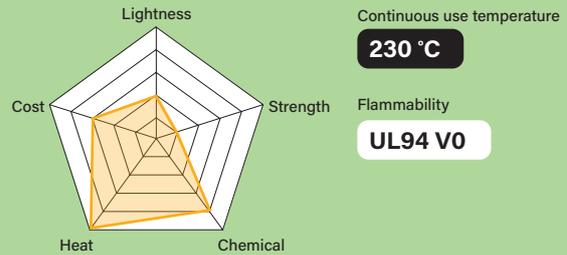
### EVA Ethylene vinyl acetate



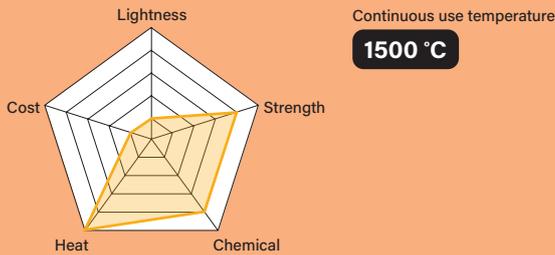
### ABS Acrylonitrile-butadiene-styrene



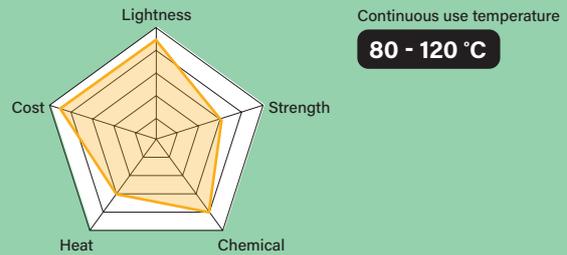
### FKM Copolymer of Vinylidene Fluoride & Propylene Hexafluoride (Viton)



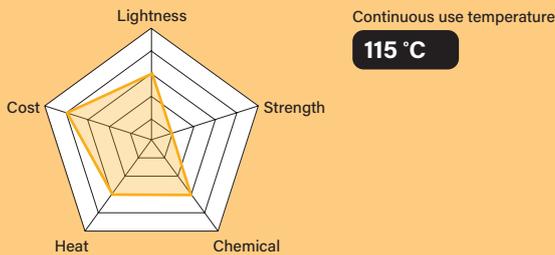
### CERAMIC (Alumina)



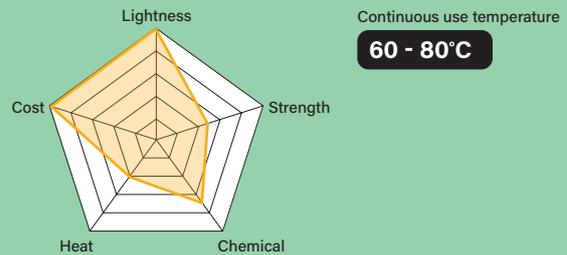
### HDPE High-density Polyethylene



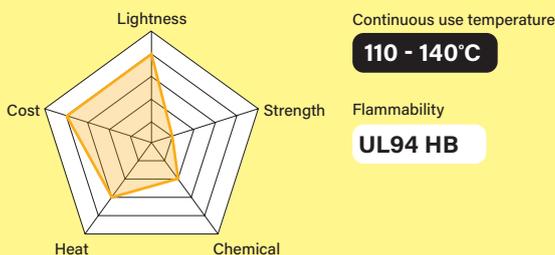
### CR Chloroprene rubber/Polychroprene (Neoprene)



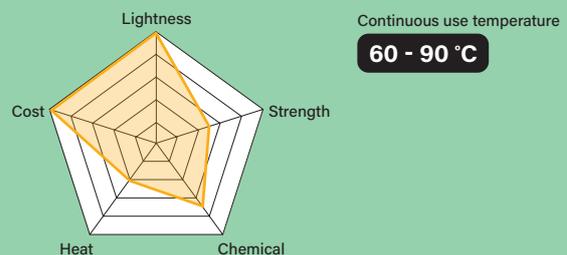
### LDPE Low-density Polyethylene



### EPDM Ethylene propylene diene monomer



### LLDPE Linear Low-density Polyethylene



### NBR Nitrile Butadiene Rubber

Continuous use temperature **115 °C**

### PA6GF30 Polyamide 6 + 30% Glassfibre

Continuous use temperature **90 - 170 °C**  
 Flammability **UL94 HB**

### NR Natural rubber

Continuous use temperature **90 °C**

### PA66 Polyamide 66 (Nylon 66)

Continuous use temperature **85 - 160 °C**  
 Flammability **UL94 V2**

### PA12 Polyamide 12 (Nylon 12)

Continuous use temperature **106 °C**  
 Flammability **UL94 HB**

### PC Polycarbonate

Continuous use temperature **115 °C**  
 Flammability **UL94 V2**  
 UL94 V2 Natural color product (Transparent)  
 White / Black color product

### PA46 Polyamide 46 (Nylon 46)

Continuous use temperature **152 °C**  
 Flammability **UL94 V2**

### PEEK Polyether ether ketone

Continuous use temperature **260 °C**  
 Flammability **UL94 V0**

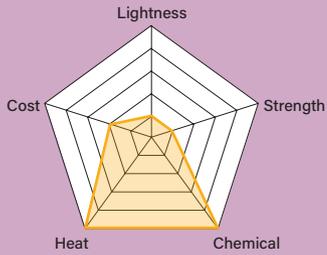
### PA6 Polyamide 6 (Nylon 6)

Continuous use temperature **80 - 140 °C**  
 Flammability **UL94 V2**

### PEI Polyetherimide

Continuous use temperature **170 °C**  
 Flammability **UL94 V0**

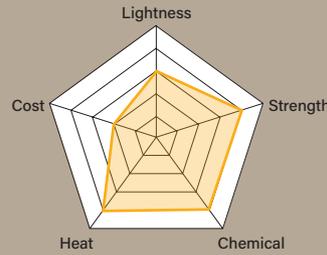
## PFA Perfluoro alkoxyalkane



Continuous use temperature  
**260 °C**

Flammability  
**UL94 V0**

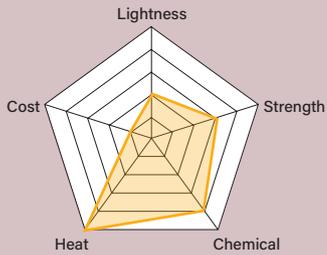
## PPSU Polyphenylsulfone



Continuous use temperature  
**180 °C**

Flammability  
**UL94 V0**

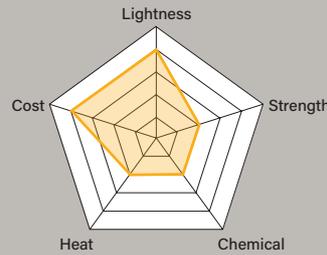
## PI Polyimide



Continuous use temperature  
**300 °C**

Flammability  
**UL94 V0**

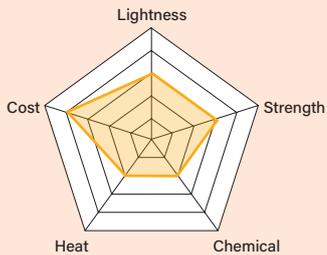
## PS Polystyrene



Continuous use temperature  
**65 °C**

Flammability  
**UL94 HB**

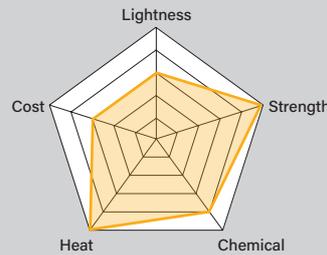
## PMMA Polymethyl methacrylate



Continuous use temperature  
**80 °C**

Flammability  
**UL94 HB**

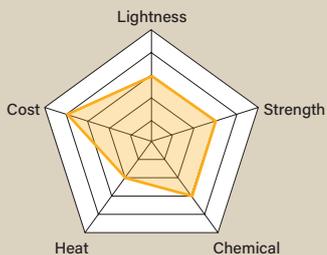
## PPS Polyphenylene sulfide



Continuous use temperature  
**200 °C**

Flammability  
**UL94 V0**

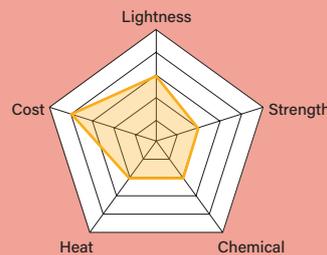
## POM Polyacetal



Continuous use temperature  
**95 °C**

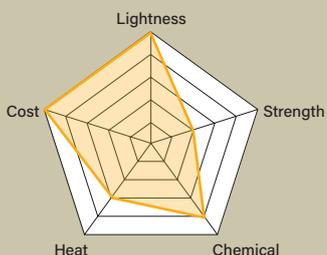
Flammability  
**UL94 HB**

## PUR Polyurethane



Continuous use temperature  
**78 °C**

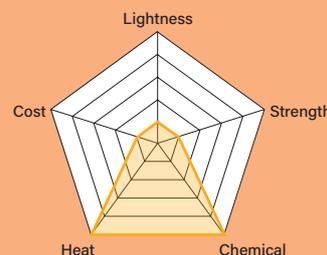
## PP Polypropylene



Continuous use temperature  
**110 °C**

Flammability  
**UL94 HB**

## PTFE Polytetrafluoroethylene resin



Continuous use temperature  
**260 °C**

Flammability  
**UL94 V0**

## PVC Polyvinyl chloride

Continuous use temperature  
**60 - 70 °C**

Flammability  
**UL94 HB**

## SBR Styrene butadiene rubber

Continuous use temperature  
**80 - 100 °C**

Flammability  
**UL94 HB**

## PVDF Polyvinylidene-fluoride

Continuous use temperature  
**140 °C**

Flammability  
**UL94 V0**

## SI Silicone

Continuous use temperature  
**200 - 230 °C**

Flammability  
**UL94 HB**

## RENY Glassfibre reinforced polyamide MXD6

Continuous use temperature  
**105 °C**

Flammability  
**UL94 HB**  
UL94 HB Natural color product  
Black color product

## TPE Thermoplastic elastomer

Continuous use temperature  
**80 - 125 °C**

Flammability  
**UL94 HB / V0**