

## LG Chemical KEYFLEX T01192A Olefin Type TPE

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Thermoplastic Vulcanizate Elastomer (TPV)

### Material Notes:

Description: Injection Molding, TPV, General Purpose, Soft Touch Application: Automotive Interior CAS: 9003-07-0, 9010-79-1, 64742-54-7, 1333-86-4 and 9002-88-4 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-KEYFLEX-T01192A-Olefin-Type-TPE.php](http://www.lookpolymers.com/polymer_LG-Chemical-KEYFLEX-T01192A-Olefin-Type-TPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792
Melt Flow	20 g/10 min @Load 10.0 kg, Temperature 230 Â°C	20 g/10 min @Load 22.0 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 92	<= 92	ASTM D2240
Elongation at Break	700 % @Thickness 2.00 mm	700 % @Thickness 0.0787 in	50mm/min; ASTM D638
Izod Impact, Notched	NB @Thickness 6.40 mm, Temperature 23.0 Â°C	NB @Thickness 0.252 in, Temperature 73.4 Â°F	ASTM D256
	NB @Thickness 6.40 mm, Temperature -40.0 Â°C	NB @Thickness 0.252 in, Temperature -40.0 Â°F	ASTM D256
Tear Strength	53.9 kN/m	308 pli	50mm/min, @ Break; ASTM D624

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	180 - 200 Â°C	356 - 392 Â°F	Injection Molding
Middle Barrel Temperature	180 - 220 Â°C	356 - 428 Â°F	Injection Molding
Front Barrel Temperature	200 - 230 Â°C	392 - 446 Â°F	Injection Molding
Nozzle Temperature	200 - 240 Â°C	392 - 464 Â°F	Injection Molding
Melt Temperature	200 - 240 Â°C	392 - 464 Â°F	Injection Molding
Mold Temperature	40.0 - 60.0 Â°C	104 - 140 Â°F	Injection Molding
Drying Temperature	60.0 - 90.0 Â°C	140 - 194 Â°F	Injection Molding

Processing Properties	Metric <small>1,00 hour</small>	English <small>1,00 hour</small>	Comments <small>Injection Molding</small>
Back Pressure	29.4 - 58.8 MPa	4260 - 8530 psi	Injection Molding
Screw Speed	30 - 60 rpm	30 - 60 rpm	Injection Molding

## Contact Songhan Plastic Technology Co.,Ltd.

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