



Monprene® CE-922968 (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

General Information

Product Description

Monprene CE-922968 is a general purpose thermoplastic elastomer, available in NAT and colors, developed for a variety of consumer electronic product applications, including communication cable jacketing. Monprene CE-922968 is a medium hardness, low density, UV resistant, ROHS compliant grade suitable for extrusion.

General

Material Status	• Preliminary Data
Availability	• Asia Pacific
Features	• Chemical Resistant • Good Adhesion • Good Colorability • Good Processability • Low Density • Low Flow • Low Friction • Low Specific Gravity • Medium Hardness • UV Resistant
Uses	• Communication Cable Jacketing • Electrical/Electronic Applications • Consumer Applications • Rubber Replacement • Wire & Cable Applications
RoHS Compliance	• RoHS Compliant
Appearance	• Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.8	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	957	psi	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	69		
Shore A, 5 sec, Injection Molded	67		

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	360 to 390	°F
Cylinder Zone 2 Temp.	370 to 399	°F
Cylinder Zone 3 Temp.	390 to 430	°F
Cylinder Zone 4 Temp.	390 to 430	°F
Cylinder Zone 5 Temp.	390 to 430	°F
Die Temperature	390 to 430	°F

Extrusion Notes

Screw Speed: 30 to 100 rpm

Notes

¹ Typical properties: these are not to be construed as specifications.