

# Monprene® CE-922968 (PRELIMINARY DATA)

Thermoplastic Elastomer

Teknor Apex Company

Message:

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 Information			
Features	Low Specific Gravity		
	Low density		
	Low friction coefficient		
	Good UV resistance		
	Workability, good		
	Good coloring		
	Good adhesion		
	Low liquidity		
	Good chemical resistance		
	Medium hardness		
Uses	Communication Cable Jacketing		
	Electrical/Electronic Applications		
	Wire and cable applications		
	Rubber substitution		
	Consumer goods application field		
RoHS Compliance	RoHS compliance		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.8	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 1 second, injection molding	69		ASTM D2240
Shore A, 5 seconds, injection molding	67		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	6.60	MPa	ASTM D412

Tensile Elongation (Break)	400	%	ASTM D412
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Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	182 - 199	°C
Cylinder Zone 2 Temp.	188 - 204	°C
Cylinder Zone 3 Temp.	199 - 221	°C
Cylinder Zone 4 Temp.	199 - 221	°C
Cylinder Zone 5 Temp.	199 - 221	°C
Die Temperature	199 - 221	°C

#### Extrusion instructions

Screw Speed: 30 to 100 rpm

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