Monprene® CP-26140

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

Product Description

Monprene CP-26140 is a high performance thermoplastic elastomer designed for a variety of consumer product applications requiring a soft, rubber-like feel. Monprene CP-26140 is a low hardness, low density, clear grade that is suitable for cast film and extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Adhesion • Good Colorability • Good Flexibility • Good Melt Strength • Good Moldability	• Good Processability • Good Tear Strength • Good Toughness • Halogen Free • High Elongation	• Low Density • Low Flow • Low Hardness • Resilient
Uses	• Cast Film • Consumer Applications • Diaphragms • Fabric Coatings	• Film • Flexible Grips • General Purpose • Knobs	• Profiles • Rubber Replacement • Seals • Soft Touch Applications
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent	• Colors Available	• Natural Color
Forms	• Pellets		
Processing Method	• Cast Film	• Extrusion	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.880		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [2]			ASTM D412
Across Flow : 100% Strain	110	psi	
Flow : 100% Strain	152	psi	
Tensile Stress [2]			ASTM D412
Across Flow : 300% Strain	212	psi	
Flow : 300% Strain	278	psi	
Tensile Strength [2]			ASTM D412
Across Flow : Break	1020	psi	
Flow : Break	938	psi	
Tensile Elongation [2]			ASTM D412
Across Flow : Break	700	%	
Flow : Break	730	%	
Tear Strength [2]			ASTM D624
Across Flow	135	lbf/in	
Flow	133	lbf/in	
Compression Set [3] (73°F, 22 hr)	17	%	ASTM D395B
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	36		
Shore A, 5 sec, Injection Molded	34		

Revision Date: 10/11/2019

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Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (392°F, 207 sec^-1)	162	Pa·s	ASTM D3835

Legal Statement

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Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	320 to 340	°F
Cylinder Zone 2 Temp.	340 to 360	°F
Cylinder Zone 3 Temp.	340 to 380	°F
Cylinder Zone 4 Temp.	340 to 380	°F
Cylinder Zone 5 Temp.	340 to 380	°F
Die Temperature	360 to 400	°F

Extrusion Notes

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150°F (65°C).

40/100/100/40 screen pack recommended for processing.

Screw Speed: 30 to 100 rpm recommended

Notes

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

[2] Die C, 20 in/min

[3] Type 1

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