Monprene® CP-26126

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

Product Description

Monprene CP-26126 is a high performance thermoplastic elastomer designed for a variety of consumer product applications requiring a soft, rubber-like feel. Monprene CP-26126 is a low density, low hardness, RoHS compliant grade suitable for cast film, extrusion film, and co-extrusion.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Colorability • Good Flexibility • Good Gloss • Good Melt Strength • Good Processability • Good Tear Strength	• Good Toughness • Halogen Free • High Elasticity • High Flow • Low Density • Low Hardness	• Low Slip • Low Specific Gravity • Low Viscosity • Resilient • Without Fillers
Uses	• Cast Film • Consumer Applications • Fabric Coatings	• Flexible Grips • General Purpose • Rubber Replacement	• Seals • Soft Touch Applications
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent	• Colors Available	
Forms	• Pellets		
Processing Method	• Cast Film	• Coextrusion	• 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)	30	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress - Flow [2] (100% Strain)	125	psi	ASTM D412
Tensile Stress - Flow [2] (300% Strain)	215	psi	ASTM D412
Tensile Strength - Flow [2] (Break)	950	psi	ASTM D412
Tensile Elongation - Flow [2] (Break)	1100	%	ASTM D412
Tear Strength - Flow [2]	110	lbf/in	ASTM D624
Compression Set (73°F, 22 hr)	23	%	ISO 815
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore A, 1 sec, Injection Molded	28		
Shore A, 5 sec, Injection Molded	26		

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Processing Information

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

Extrusion Notes

Screw Speed: 30 to 100 rpm recommended

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

Notes

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

[2] Die C, 20 in/min

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