Monprene® CP-26826 (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Wednesday, April 1, 2026

General Information

Product Description

Monprene CP-26826 is a high performance thermoplastic elastomer designed for a variety of consumer product applications requiring a soft, rubber-like feel. Monprene CP-26826 is a low density, low hardness, RoHS compliant grade suitable for extrusion and co-extrusion processing.

General			
Material Status	• Preliminary Data		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Excellent Elastic Recovery • Good Adhesion • Good Colorability • Good Flexibility • Good Flow	• Good Melt Strength • Good Processability • Good Processing Stability • Good Toughness • Halogen Free	• High Tensile Strength • Low Density • Low Hardness • Without Fillers
Uses	• Bonding • Cast Film • Consumer Applications	• Fabric Coatings • Film • General Purpose	• Rubber Replacement • Soft Touch Applications
RoHS Compliance	• RoHS Compliant		
Appearance	• Clear/Transparent	• Colors Available	• Natural Color
Forms	• Pellets		
Processing Method	• Coextrusion	• Extrusion	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.892		ASTM D792
Melt Mass-Flow Rate (MFR) (150°C/2.16 kg)	20	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress - Flow [2] (50% Strain)	85.0	psi	ASTM D412
Tensile Stress - Flow [2] (100% Strain)	90.0	psi	ASTM D412
Tensile Stress [2] (300% Strain)	150	psi	ASTM D412
Tensile Strength - Flow [2] (Break)	1200	psi	ASTM D412
Tensile Elongation - Flow [2] (Break)	850	%	ASTM D412
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.	230 to 250	°F
Cylinder Zone 2 Temp.	250 to 300	°F
Cylinder Zone 3 Temp.	300 to 340	°F
Cylinder Zone 4 Temp.	340 to 380	°F
Cylinder Zone 5 Temp.	340 to 380	°F
Adapter Temperature	340 to 380	°F
Melt Temperature	340 to 380	°F
Die Temperature	340 to 380	°F

Extrusion Notes

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 130°F (54°C).
Screw Speed: 30 to 100 rpm

Notes

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

[2] Die C, 20 in/min

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