Sarlink® TPE OM-1135

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

Sarlink TPE OM series are high performance specialty thermoplastic elastomers designed for automotive applications requiring excellent bondability to engineered resin substrates. Sarlink TPE OM-1135 is a low hardness, low density, opaque grade that exhibits excellent adhesion to ABS, PC, and PC/ABS.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific		
Features	• Bondability • Good Adhesion • Good Colorability	• Good Processability • Low Density • Low Hardness	• Soft
Uses	• Automotive Applications • Automotive Exterior Trim • Automotive Interior Trim • Bonding	• Flexible Grips • Handles • Knobs • Overmolding	• Rubber Replacement • Soft Touch Applications
RoHS Compliance	• RoHS Compliant		
Appearance	• Colors Available	• Opaque	
Processing Method	• Injection Molding		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.972		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	522	psi	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 5 sec)	35		ASTM D2240

Additional Information

Excellent adhesion to ABS
Excellent adhesion to PC
Excellent adhesion to PC/ABS

Legal Statement

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Processing Information

Injection	Nominal Value	Unit
Drying Temperature	140	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	280 to 320	°F
Middle Temperature	360 to 390	°F
Front Temperature	360 to 390	°F

Revision Date: 6/1/2016

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Injection	Nominal Value	Unit
Nozzle Temperature	380 to 410	°F
Processing (Melt) Temp	350 to 390	°F
Mold Temperature	40 to 120	°F
Injection Pressure	200 to 800	psi
Back Pressure	25.0 to 125	psi
Screw Speed	50 to 100	rpm
Cushion	0.150 to 1.00	in

Injection Notes

Moisture can degrade the material. Drying is suggested. This can be accomplished by placing the material in a desiccant dryer for 2 to 4 hours at 140°F.

Extrusion	Nominal Value	Unit
Drying Temperature	140	°F
Drying Time	2.0 to 4.0	hr
Cylinder Zone 1 Temp.	280 to 300	°F
Cylinder Zone 2 Temp.	300 to 320	°F
Cylinder Zone 3 Temp.	320 to 360	°F
Cylinder Zone 4 Temp.	320 to 360	°F
Cylinder Zone 5 Temp.	340 to 380	°F
Die Temperature	360 to 400	°F

Notes

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

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