Sarlink® TPE ME-2255D BLK 111 (PRELIMINARY DATA)

Teknor Apex Company - Thermoplastic Elastomer

Friday, April 3, 2026

General Information

Product Description

Sarlink ME-2255D BLK 111 is a general purpose thermoplastic elastomer used in automotive applications, including exterior. Sarlink ME-2255D BLK 111 is a high hardness, low density, RoHS compliant grade suitable for injection molding.

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Abrasion Resistant • Bondability • Good Color Stability • Good Flow • Good Melt Strength	• Good Mold Release • Good Moldability • Good Processability • Good Processing Stability • High Hardness	• Low Density • Low Fogging • Low Specific Gravity • Without Fillers
Uses	• Automotive Applications	• Automotive Exterior Parts	
RoHS Compliance	• RoHS Compliant		
Automotive Specifications	• FORD ESB-M2D246-A3		
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.962		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	2550	psi	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shore D, 1 sec, Injection Molded	57		
Shore D, 5 sec, Injection Molded	55		

Legal Statement

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Processing Information

Injection	Nominal Value	Unit
Rear Temperature	440 to 480	°F
Middle Temperature	440 to 480	°F
Front Temperature	440 to 480	°F
Nozzle Temperature	440 to 480	°F
Processing (Melt) Temp	440 to 480	°F
Mold Temperature	60 to 90	°F

Revision Date: 7/19/2019

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Injection	Nominal Value	Unit
Injection Pressure	200 to 1000	psi
Injection Rate	Moderate-Fast	
Back Pressure	25.0 to 50.0	psi
Screw Speed	50 to 100	rpm
Cushion	0.150 to 1.00	in

Notes

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

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