

Sarlink® TPE ME-2640DB BLK (PRELIMINARY DATA)

Thermoplastic Elastomer
Teknor Apex Company

Message:
Sarlink ME-2640DB is a high flow, high hardness molding grade with UV resistance, for automotive exterior applications.

General Information			
Features	Good UV resistance		
	High liquidity		
	Low temperature impact resistance		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	38		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	8.10	MPa	ISO 37
Tensile Strength - Across Flow (Break)	15.9	MPa	ISO 37
Tensile Elongation - Across Flow (Break)	720	%	ISO 37
Compression Set (70°C, 22 hr)	78	%	ISO 815
Additional Information	Nominal Value	Unit	Test Method
Apparent Shear Viscosity - Capillary, 206 1/s (200°C)	174	Pa · s	ISO 11443
Injection	Nominal Value	Unit	
Rear Temperature	170 - 180	°C	
Middle Temperature	180 - 200	°C	
Front Temperature	200 - 220	°C	
Nozzle Temperature	210 - 230	°C	
Processing (Melt) Temp	200 - 230	°C	
Mold Temperature	10.0 - 60.0	°C	
Injection Pressure	6.00 - 12.0	MPa	

Injection Rate	Fast	
Holding Pressure	4.00 - 6.00	MPa
Back Pressure	0.500 - 2.00	MPa
Screw Speed	50 - 120	rpm

Injection instructions

Drying is not necessary. However, if moisture is a problem, dry the pellets 2 to 4 hours at 65 degrees Celsius. Time Settings: Injection time: 0.5-2 seconds Holding time: 1-10 seconds Cooling time: As short as possible. The parts should be removable without deformation or piercing of the ejector(s)

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