

Sarlink® TPE EE-2365B BLK X

Thermoplastic Elastomer

Teknor Apex Company

Message:

A highly engineered Thermoplastic Elastomer for use in demanding applications. Sarlink EE-2365B is a UV stable low durometer grade with exceptional tensile strength, superior surface esthetics, good chemical resistance and good elasticity. It can be easily processed by extrusion,for a number of automotive applications such as glass run channels, waistbelts, weatherstrips, seals and other profiles.

General Information			
Features	High tensile strength		
	High melt stability		
	Good UV resistance		
	Hardness, low		
Uses	Seals		
	Automotive exterior parts		
	Profile		
Appearance	Black		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec, Injection Molded)	64		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
Transverse flow: 100% strain	2.10	MPa	ISO 37
Flow: 100% strain	2.60	MPa	ISO 37
Tensile Strength			ISO 37
Transverse flow: Fracture	7.58	MPa	ISO 37
Flow: Fracture	6.76	MPa	ISO 37
Tensile Elongation			ISO 37
Transverse flow: Fracture	690	%	ISO 37
Flow: Fracture	540	%	ISO 37
Tear Strength			ISO 34-1
Transverse flow	26	kN/m	ISO 34-1
Flow	28	kN/m	ISO 34-1
Compression Set			ISO 815

23°C, 22 hr	20	%	ISO 815
70°C, 22 hr	36	%	ISO 815
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (200°C, 206 sec ⁻¹)	250	Pa·s	ASTM D3835
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	171 - 193	°C	
Cylinder Zone 2 Temp.	177 - 199	°C	
Cylinder Zone 3 Temp.	182 - 204	°C	
Cylinder Zone 5 Temp.	188 - 204	°C	
Die Temperature	188 - 204	°C	
Extrusion instructions			

Screw Speed: 30 to 100 rpm

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