

Sarlink® TPE AB-2350D XRD

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink® TPE AB-2350D XRD is a thermoplastic elastomer (TPE) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is injection molding.

Sarlink® The typical application fields of TPE AB-2350D XRD are: automobile industry

General Information			
Uses	Car interior parts		
Appearance	Translucent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Vertical flow direction	1.0	%	ASTM D955
Flow direction	0.85	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	54		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	11.0	MPa	ASTM D638
Flexural Modulus	460	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.0	MPa	ASTM D638
Tensile Elongation (Break)	640	%	ASTM D638
Injection	Nominal Value	Unit	
Rear Temperature	210 - 220	°C	
Middle Temperature	215 - 225	°C	
Front Temperature	220 - 230	°C	
Nozzle Temperature	225 - 235	°C	
Processing (Melt) Temp	225 - 235	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Pressure	1.38 - 6.89	MPa	
Injection Rate	Fast		
Back Pressure	0.172 - 0.862	MPa	
Screw Speed	50 - 120	rpm	
Cushion	3.81 - 25.4	mm	
Injection instructions			

Drying is not necessary. However, if moisture is a problem, dry the pellets for 2 to 4 hours at 150°F (65°C).

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

