

Sarlink® TPE AB-2352D

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink® TPE AB-2352D 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 field of TPE AB-2352D is: automobile industry

General Information			
Uses	Car interior parts		
Appearance	Translucent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.888	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Vertical flow direction	1.2	%	ASTM D955
Flow direction	1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	57		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	110	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)	650	%	ASTM D638
Additional Information			
Sarlink® TPE compounds can be processed without drying, but properties may be improved by drying the material for 2 hours at 180°F (82°C).			
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).

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

