

Sarlink® TPE RV-1675DN XRD

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink® TPE RV-1675DN 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 extrusion or injection molding. Sarlink® The main characteristics of TPE RV-1675DN XRD are: high hardness.

Typical application areas include:

Automotive Industry

engineering/industrial accessories

General Information	
Features	Medium liquidity Fill High hardness Medium density
Uses	Washer Application in Automobile Field Automotive exterior parts Car exterior decoration General
Appearance	Opacity
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D, 1 second, injection molding	76		ASTM D2240
Shore D, 5 seconds, injection molding	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	31.0	MPa	ASTM D412
Tensile Elongation (Break)	200	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	171 - 193	°C	
Middle Temperature	177 - 199	°C	

Front Temperature	182 - 204	°C
Nozzle Temperature	188 - 210	°C
Processing (Melt) Temp	188 - 210	°C
Mold Temperature	25.0 - 65.6	°C
Injection Pressure	1.38 - 6.89	MPa
Injection Rate	Moderate-Fast	
Back Pressure	0.172 - 0.345	MPa
Screw Speed	50 - 100	rpm
Cushion	3.81 - 25.4	mm
Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	166 - 188	°C
Cylinder Zone 2 Temp.	171 - 193	°C
Cylinder Zone 3 Temp.	177 - 199	°C
Cylinder Zone 5 Temp.	182 - 204	°C
Die Temperature	190 - 210	°C
Extrusion instructions		

Screw Speed: 30 to 100 rpm

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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

