

Sarlink® TPE OM-1354 BLACK 499

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink® TPE OM-1354 BLACK 499 is a Thermoplastic Elastomer (TPE) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Typical application of Sarlink® TPE OM-1354 BLACK 499: Automotive

General Information			
Uses	Automotive Interior Parts		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	1.38	MPa	
300% Strain	2.76	MPa	
Tensile Strength (Yield)	3.96	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Injection	Nominal Value	Unit	
Drying Temperature	65.6	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	204 to 232	°C	
Middle Temperature	210 to 232	°C	
Front Temperature	216 to 238	°C	
Nozzle Temperature	221 to 243	°C	
Processing (Melt) Temp	221 to 243	°C	
Mold Temperature	23.9 to 60.0	°C	
Injection Pressure	1.38 to 6.89	MPa	
Injection Rate	Fast		
Back Pressure	0.172 to 0.862	MPa	
Screw Speed	50 to 120	rpm	
Cushion	3.81 to 25.4	mm	

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Recommended distributors for this material

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