Sarlink® TPE OM-2368N

Thermoplastic Elastomer

Teknor Apex Company

Message:

Sarlink® TPE OM-2368N 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 applications include:
Handles
Engineering/Industrial Parts
Adhesives/Tapes
Appliances
Business/Office Goods

General Information			
Uses	Appliances		
	Bonding		
	Cell Phones		
	Dental Applications		
	Flexible Grips		
	Handles		
	Knobs		
	Overmolding		
	Power/Other Tools		
	Sporting Goods		
	Toothbrush Handles		
	Writing Instruments		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	70		
Shore A, 5 sec	68		

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5.52	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

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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