

# MACOMASS TPE MM-TPE O 1451

Thermoplastic Elastomer

MACOMASS Verkaufs AG

Message:

MACOMASS TPE MM-TPE O 1451 is a Thermoplastic Elastomer (TPE) material. It is available in Europe for extrusion.

Important attributes of MACOMASS TPE MM-TPE O 1451 are:

Chemical Resistant

Wear Resistant

General Information			
Features	Durable		
	Good Chemical Resistance		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.09 to 1.12	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.1	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	28 to 38		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 15.0	MPa	ISO 37
Tensile Elongation (Break)	> 500	%	ISO 37
Tear Strength	> 25	kN/m	ISO 34-1
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Melt Temperature	160 to 230	°C	

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