

Softflex® 0450

Thermoplastic Elastomer

Network Polymers, Inc.

Message:

Softflex® 0450 is a Thermoplastic Elastomer (TPE) product. It is available in North America. Typical application: Engineering/Industrial Parts.

Characteristics include:

REACH Compliant

RoHS Compliant

WEEE Compliant

General Information			
Uses	Overmolding		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (235°C/1.0 kg)	42	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40 to 50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	4.34	MPa	ASTM D638
Tensile Elongation ³ (Break)	600	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	26.3	kN/m	ASTM D624
Additional Information	Nominal Value		
Overmold Bonding	PP, PE		
NOTE			
1.	Procedure A		
2.	51 mm/min		
3.	51 mm/min		

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