

RJM TPS-G 45A

Thermoplastic Elastomer

RJM International, Inc.

Message:

RJM TPS-G 45A is a Thermoplastic Elastomer (TPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.14	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength ¹	18.6	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	-16	%	ASTM D573
Change in Ultimate Elongation in Air (136°C, 168 hr)	-15	%	ASTM D573
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-58.0	°C	ASTM D746
Additional Information	Nominal Value	Unit	
Weather Resistance ²			
W-O-M EB : 63°C	80	%	
W-O-M TB : 63°C	80	%	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 210	°C	
NOTE			
1.	Die C		
2.	500 hr		

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