

EPIGUM DPE/45

Thermoplastic Vulcanizate

Crosspolimeri S.p.A.

Message:

EPIGUM DPE/45 is a thermoplastic elastomer
EPIGUM DPE/45 is a dynamically crosslinked thermoplastic vulcanizate (TPV).

General Information			
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Moisture	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	3.00	MPa	ASTM D638
Tensile Elongation (Break)	390	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (100°C, 22 hr)	11	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	2.0 to 3.0	hr	
Cylinder Zone 1 Temp.	180	°C	
Cylinder Zone 2 Temp.	185	°C	
Cylinder Zone 3 Temp.	190	°C	
Cylinder Zone 4 Temp.	200	°C	
Cylinder Zone 5 Temp.	215	°C	
Die Temperature	220	°C	

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