

EPIGUM DPE/64

Thermoplastic Vulcanizate

Crosspolimeri S.p.A.

Message:

EPIGUM DPE/64 is a thermoplastic elastomer.
EPIGUM DPE/64 is a dynamically crosslinked thermoplastic vulcanizate (TPV).

General Information			
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Moisture	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	66		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	2.20	MPa	ASTM D412
Tensile Strength ² (Yield)	6.00	MPa	ASTM D412
Tensile Elongation ³ (Break)	510	%	ASTM D412
Tear Strength ⁴ (23°C)	28.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	36	%	ASTM D395B
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -60.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0 to 4.0	hr	
Cylinder Zone 1 Temp.	165	°C	
Cylinder Zone 2 Temp.	170	°C	
Cylinder Zone 3 Temp.	175	°C	
Cylinder Zone 4 Temp.	180	°C	
Cylinder Zone 5 Temp.	190	°C	
Die Temperature	185	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Die C		

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