

tivilon® DP2272/85AF

Thermoplastic Vulcanizate

API SpA

Message:

tivilon®DP2272/85AF is a thermoplastic vulcanized rubber (TPV) product. It can be processed by injection molding and is available in Europe.

Features include:

flame retardant/rated flame

Flame Retardant

environmental protection/green

General Information			
Additive	Flame retardancy		
Features	Recyclable materials		
	Halogenated		
	Flame retardancy		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	5.50	MPa	ASTM D638
100% strain	3.00	MPa	ASTM D638
300% strain	4.00	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	30000	kN/m	ASTM D624
Flammability	Nominal Value		Test Method
Flame Rating (1.6 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	75 - 80	°C	
Drying Time	1.5 - 2.0	hr	
Rear Temperature	170 - 180	°C	
Middle Temperature	180 - 190	°C	
Front Temperature	185 - 200	°C	
Nozzle Temperature	190 - 210	°C	
Mold Temperature	35 - 50	°C	

Injection Rate	Moderate-Fast
NOTE	
1.	With Notch

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Recommended distributors for this material


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