

tivilon® DP2272/55AF

Thermoplastic Vulcanizate

API SpA

Message:

tivilon®DP2272/55AF 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)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	3.00	MPa	ASTM D638
100% strain	1.00	MPa	ASTM D638
300% strain	1.50	MPa	ASTM D638
Tensile Elongation (Break)	450	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	17000	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT