

TAROPRENE® 2 A55 E1G

Thermoplastic Vulcanizate

Taro Plast S.p.A.

Message:

Thermoplastic Elastomer Vulcanized. This TPE-V compound combines the typical performance of a vulcanized elastomer with the easy processing of a thermoplastic compound. Taroprene is totally recyclable and it can be produced in standard grades and in tailor-made grades.

General Information			
Features	Good Processability		
	Recyclable Material		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	4.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	55		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	1.75	MPa	
300% Strain	2.85	MPa	
Tensile Strength ² (Break)	4.60	MPa	ASTM D412
Tensile Elongation ³ (Break)	600	%	ASTM D412
Tear Strength	24.8	kN/m	ASTM D624
Compression Set			ASTM D395B
70°C, 22 hr	34	%	
100°C, 22 hr	40	%	
Extrusion	Nominal Value	Unit	
Melt Temperature	150 to 230	°C	
NOTE			
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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

