TAROPRENE® 1 A80 E1N

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. Available in natural, black and colored grade.

General Information			
Features	Good Processability Recyclable Material		
Appearance	Black Colors Available Natural Color		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.960	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	3.0	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore A, 3 sec)	80		ISO 868
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress [1]			ASTM D412
100% Strain	4.70	MPa	
300% Strain	5.90	MPa	
Tensile Strength [2] (Break)	8.80	MPa	ASTM D412
Tensile Elongation [3] (Break)	540	%	ASTM D412
Tear Strength	36.0	kN/m	ASTM D624
Compression Set			ASTM D395B
70°C, 22 hr	38	%	
100°C, 22 hr	44	%	
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	170 to 235	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		

Recommended distributors for this material

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