



PRODUCT INFORMATION

## TAROPRENE 2A55 E1G

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.

**ISO short Form** ISO 18064: TPV-(EPDM+PP)  
Pellets

### Key Features

- Very light natural colour
- Designed for extrusion applications

### Process

- INJECTION MOULDING

### Application

- Household
- General purpose applications
- Furniture
- Consumer
- Building
- Automotive

Property	Method	Unit	Value	Condition	State
<b>PHYSICAL</b>					
Density (+23°C)	ISO 1183	g/cm <sup>3</sup>	0,96		
Melt Flow Rate (MFR)	ISO 1133	g/10 min	4,0	190°C - 5 kg	
<b>MECHANICAL</b>					
Hardness SHORE A	ASTM D2240	Shore A	55	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	4,6		
Elongation at Break	ASTM D412/C	%	600		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	1,75		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	2,85		
Tear Strength	ASTM D624/C	N/mm	24,8		



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Compression Set	ASTM D395/B	%	34	70°C - 22h
Compression Set	ASTM D395/B	%	40	100°C - 22h

<b>INJECTION MOULDING</b>	<b>Value</b>
Drying Temperature (Desiccant Dryer)	80 - 90°C
Drying Time (Desiccant Dryer)	3 h
Melt Temperature	190 - 220°C
Rear Temperature	180°C
Middle Temperature	190°C
Front Temperature	200°C
Die Temperature	210°C

**Notes** TAROPRENE is incompatible with POM and PVC. We recommend that all TAROPRENE products are always dried prior to use at the specified drying conditions.