



PRODUCT INFORMATION

## TAROPRENE 1A45 E1N

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

- Designed for extrusion applications
- Good adhesion to polyolefinic substrate

### Availability

- All colours

### Process

- EXTRUSION

### Application

- Wire and cable jacket
- Building
- Seals and gaskets
- Tubing
- 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	3,0	190°C - 5 kg	
<b>MECHANICAL</b>					
Hardness SHORE A	ASTM D2240	Shore A	45	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	3,8		
Elongation at Break	ASTM D412/C	%	450		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	1,3		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	2,6		
Tear Strength	ASTM D624/C	N/mm	15		
Compression Set	ASTM D395/B	%	28	70°C - 22h	

