



PRODUCT INFORMATION

TAROPRENE 1A75 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
PHYSICAL					
Density (+23°C)	ISO 1183	g/cm ³	0,96		
Melt Flow Rate (MFR)	ISO 1133	g/10 min	3,3	190°C - 5,0 kg	
MECHANICAL					
Hardness SHORE A	ASTM D2240	Shore A	75	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	7,0		
Elongation at Break	ASTM D412/C	%	500		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	3,5		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	5,0		
Tear Strength	ASTM D624/C	N/mm	30,0		

EXTRUSION

Value



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Drying Temperature (Desiccant Dryer)	80 - 90°C
Melt Temperature	190 - 220°C
Rear Temperature	180°C
Middle Temperature	190°C
Front Temperature	200°C
Die Temperature	210°C

Notes All TAROPRENE compounds must be stored indoors at a temperature below 40°C avoiding humidity and direct sunlight as well.
Despite a longer shelf storage life without loss of properties, we recommend to use the material within 6 months from the production date.