



PRODUCT INFORMATION

TAROPRENE 1A60 E6N V0

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.

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

Key Features

- Flame retardant
- Designed for extrusion applications

Availability

- All colours

Process

- EXTRUSION

Application

- Wire and cable jacket
- Electrical
- Building
- Automotive

Property	Method	Unit	Value	Condition	State
----------	--------	------	-------	-----------	-------

PHYSICAL

Density (+23°C)	ISO 1183	g/cm ³	1,22		
Melt Flow Rate (MFR)	ISO 1133	g/10 min	8	190°C - 5 kg	

MECHANICAL

Hardness SHORE A	ASTM D2240	Shore A	60	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	3,5		
Elongation at Break	ASTM D412/C	%	500		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	1,5		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	2,0		
Tear Strength	ASTM D624/C	N/mm	18		

FLAMMABILITY



PRODUCT INFORMATION

TAROPRENE 1A60 E6N V0

Flame Behaviour (2 mm) UL94 Class V0

EXTRUSION	Value
Drying Temperature (Desiccant Dryer)	3 h
Drying Time (Desiccant Dryer)	80°C
Melt Temperature	140 - 200°C
Feed Temperature	140 - 160°C
Rear Temperature	150 - 170°C
Middle Temperature	160 - 180°C
Front Temperature	170 - 190°C
Die Temperature	180 - 200°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.
