



PRODUCT INFORMATION

## TAROPRENE 1A80 M6N V0

Thermoplastic Elastomer Vulcanized. This TPE-V compound combines the typical performance of a vulcanized elastomer with the easy processing of a thermoplastic compound.

**ISO short Form** ISO 1043: TPV-(EPDM+PP) FR(40) Pellets

### Key Features

- Designed for injection moulding applications
- Flame retardant
- Good adhesion to polyolefinic substrate

### Availability

- Natural and Black colours

### Process

- INJECTION MOULDING

### Application

- Electrical
- Building
- Automotive

Property	Method	Unit	Value	Condition	State
<b>PHYSICAL</b>					
Density (+23°C)	ISO 1183	g/cm <sup>3</sup>	1,24		
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	80	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	6,5		
Elongation at Break	ASTM D412/C	%	500		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	3,8		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	4,5		
Tear Strength	ASTM D624/C	N/mm	35		
<b>FLAMMABILITY</b>					
Flame Behaviour (1,6 mm)	UL94	Class	V0		
Flame Behaviour (3,2 mm)	UL94	Class	V0		

