



PRODUCT INFORMATION

TAROPRENE 1A90 M1N

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 (00), black (99) and colored grade (..).

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

Key Features

- Designed for injection moulding applications

Availability

- All colours

Process

- INJECTION MOULDING

Application

- Household
- General purpose applications
- Furniture
- Electrical
- Consumer
- 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	190°C - 5 kg	
MECHANICAL					
Hardness SHORE A	ASTM D2240	Shore A	90	3 sec	
Tensile Break Strength	ASTM D412/C	MPa	12,8		
Elongation at Break	ASTM D412/C	%	580		
Tensile Modulus at 100% elongation	ASTM D412/C	MPa	6,7		
Tensile Modulus at 300% Elongation	ASTM D412/C	MPa	8,7		
Tear Strength	ASTM D624/C	N/mm	48		
Compression Set	ASTM D395/B	%	48	70°C - 22h	

