



**DATA SHEET**

**TAROPRENE 1A70 MIN**

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.

Standard grade - Injection Molding

<b>DRYING - conditions</b>	<b>Melt temperature:</b> 170 - 230 °C
<b>Pre-heater:</b>	<b>Mould temperature:</b>
<b>Dryer:</b> 80 °C - 2 hr	<b>Rate of injection:</b>

PROPERTY	METHOD	DIN	ISO	ASTM	unit	VALUE	condition
<b>PHYSICAL</b>							
Melt Flow Rate (MFR)			1133	D1238	g/10 min	<b>3,0</b>	190°C - 5Kg
Density ( 23 °C )			1183	D792	Mg/m <sup>3</sup>	<b>0,96</b>	
<b>MECHANICAL</b>							
Hardness SHORE A				D2240	Shore A	<b>70</b>	3 sec
Tensile Break Strength				D412/C	Mpa	<b>6,8</b>	
Elongation at Break				D412/C	%	<b>480</b>	
Tensile Modulus at 100% elongation				D412/C	Mpa	<b>3,0</b>	
Tensile Modulus at 300% elongation				D412/C	Mpa	<b>5,1</b>	
Tear Strength				D624	N/mm	<b>25</b>	
Compression Set				D395/B	%	<b>40</b>	100°C - 22h
Compression Set				D395/B	%	<b>35</b>	70°C - 22h

The data listed here fall within the normal range of product properties, but they should not be used to establish specification limits nor used alone as the basis of design.