

**Product Texts**

M103 is a Polypropylene Homopolymer, produced by the Spheripol Technology.

M103 combines easy processability with high Strength.

M103 is recommended for General Purpose Extrusion & Injection Molding.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>3</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>32</b>	MPa	ASTM D 638
Elongation at Yield	<b>7</b>	%	ASTM D 638
Flexural Modulus	<b>1300</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>35</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>93</b>	°C	ASTM D 648
Vicat Temperature	<b>153</b>	°C	ASTM D 1525

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Mold temperature	<b>40 - 50</b>	°C	-
Zone 1	<b>190 - 250</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Features**

Homopolymer

**Applications**

General Purpose

**Regional Availability**

Asia Pacific