

**Product Texts**

F103 is a Polypropylene Homopolymer, produced by Spheripol Technology.

F103 has excellent Clarity, Gloss, Mechanical Strengths, Impact & Puncture Resistance.

F103 is recommended for BOPP Films in Food Packaging, Lamination & Metallizable applications.

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Yield	10	%	ASTM D 638
Flexural Modulus	1450	MPa	ASTM D 790
Izod Impact notched, 1/8 in	10	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	95	°C	ASTM D 648
Vicat Temperature	152	°C	ASTM D 1525

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

Processing Recommendation Extrusion	Value	Unit	Test Standard
Zone 1	230 - 280	°C	-

**Characteristics****Processing**

Film Extrusion, Other Extrusion

**Special Characteristics**

High impact or impact modified, Transparent

**Features**

High Gloss, Homopolymer

**Certifications**

Food contact

**Applications**

Packaging

**Regional Availability**

Asia Pacific