

# 11 75SM

## Polypropylene (PP)

### Description:

1175SM is a Homo polymer Polypropylene for extrusion coating.

It is suitable for coating woven bags and tarpaulins.

It also meets the F.D.A. requirement in the code of federal regulations in 21CFR 177.1520

**Typical applications;** Extrusion coating

**Characteristics** ; Good extrudability, Good adhesive, Good clarity, Low neck in, High speed

Physical Properties:	Method	Unit	Value
<b>Melt Flow Index (2.16 kg/230°C)</b>	ASTM D1238	g/10min.	35
<b>Tensile Strength at Yield</b>	ASTM D638	N/mm <sup>2</sup>	30
<b>Elongation at Yield</b>	ASTM D638	%	-
<b>Charpy Notched Impact Strength (at 23°C)</b>	DIN 53453	mJ/mm <sup>2</sup>	2
<b>Flexural Modulus (1% SECANT)</b>	ASTM D790	MPa	1200
<b>Rockwell Hardness</b>	ASTM D785	R-Scale	-
<b>Heat Distortion Temperature (Load 0.45 N/MM<sup>2</sup>)</b>	ASTM D 648	°C	100

### Processing Technique

**Processing Temperature : 180 – 240 °C**

\*\*However, the actual processing conditions depend on machine, equipment and other environments.

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.