



## HOPELEN FO-135A

PP HOMO POLYMER

### General Information

#### Description

HOPELEN FO-135A is homo polymer resin produced by the polymerization of propylene. This grade is designed to be processed in metallizing BOPP film applications. This grade shows good gloss and transperance properties. FO-135A adds minimize hydrophilic additive. So it is good for low water carry over Raffia.

#### Applications

- ◆ Metallizing BOPP Core Layer
- ◆ Yarn, Raffia

### Physical Properties<sup>1</sup>

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	3	g/10min		
Density	ASTM D792	0.90	g/cm <sup>3</sup>		
<b>Mechanical</b>					
Tensile Stress (Yield)	ASTM D638	350	kgf/cm <sup>2</sup>	34	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	15,500	kgf/cm <sup>2</sup>	1,500	MPa
Rockwell Hardness	ASTM D785	99	R		
<b>Thermal</b>					
Melting Point	ASTM D3418	160	°C		
VICAT Softening Temperature	ASTM D1525	149	°C		
<b>Film Properties</b>					
Haze	ASTM D1004	<0.9	%		

\* Measured on 30 $\mu$ m casting film made of FO-135A

### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications