

General Information

Description

SEETEC XL505 resin is produced by ExxonMobil Chemical's autoclave process technology. SEETEC XL505 resin is an excellent raw material in the application of extrusion coating.

Additives

◆ None

Applications

◆ General Extrusion Coating and Lamination

Physical Properties¹

Properties	Nominal Value	Unit	Test Method
Melt Index	6.0	g/10min	ASTM D1238
Density	0.916	g/cm ³	ASTM D1505
Melting Point	105	°C	LC Method
Vicat Softening Point	87	°C	ASTM D1525
Neck-in (constant output)			
- 50 m/min, 315 °C	2.9	cm	LC Method
- 150 m/min, 315 °C	-	cm	
Minimum coating weight (constant output, 315 °C)	16	g/m ²	LC Method
Barrier			
- MVTR (90 % RH, 37.8 °C, 25 μm)	18	g/m ² /24h	ASTM F372
- O ₂ GTR	22	10 ⁴ cm ³ (STP)/m ² 24h atm	ASTM D3985