

XP9200 series

Description

Characteristics	▪ Excellent Toughness and Stiffness ▪ High Clarity and Gloss ▪ Excellent Heat Seal Properties at Lower Temperature	▪ Very Small amount of Extractables ▪ Excellent Heat Seal Properties
Applications	▪ Lamination Film ▪ Agriculture Film	▪ Stretch Hood Film ▪ Other High Strength Films
Processing Recommendation	Processing Temperature 150~190°C / BUR 2.0~3.0	
Specification data	Complies with FDA 21 CFR 177.1520 Complies with EU, 10/2011	

Physical Properties – Lamination Film & Agriculture Film

Resin Properties	Unit	Test Method	XP9200E	XP9200EN	XP9200	XP9200N
Density	g/cm ³	ASTM D1505	0.918	0.917	0.918	0.918
Melt Index (190°C, 2.16 kg)	g/10min	ASTM D1238	1.0	1.0	1.5	1.5
Vicat Softening Temperature	°C	ASTM D1525	106	106	106	106
Melting Temperature	°C	ASTM D3418	116	116	116	116
Additives			AO, PPA, AB, S	AO, PPA	AO, PPA, AB, S	AO, PPA, AB
Film Properties	Unit	Test Method	XP9200E	XP9200EN	XP9200	XP9200N
Tensile Strength at Break, MD/TD	kg/cm ²	ASTM D882	580/460	580/460	580/460	580/460
Elongation at Break, MD/TD	%	ASTM D882	580/620	580/620	580 620	580/620
Tear Strength, MD/TD	kg/cm	ASTM D1004	124/127	124/127	124/127	124/127
Dart Impact Strength(B)	gf	ASTM D1709	700	700	670	670
Haze	%	ASTM D1003	12	12	12	12
Gloss(45°)	-	ASTM D2457	87	87	87	87
Seal Initiation Temperature (HGT, 2.8KG, 0.5sec)	°C	Daelim	95	95	95	95

1. Film Processing Condition : Φ40mm Blown Film Extruder, 180°C, BUR 2.5, Φ100mm Die, Film thickness 0.030mm
2. Additives : AO (Antioxidant), AB (Anti Blocking Agent), S (Slip Agent), PPA (Polymer Processing Aid)
3. These are typical properties only and are not to be construed as specifications.