DaelimPoly

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℃ / BUR 2.0~3.0
Specification data	Complies with FDA 21 CFR 177. 1520 Complies with EU, 10/2011

Physical Properties

Resin Properties	Unit	Test Method	XP9200E	XP9200EN	XP9200	XP9200N
Density	g/㎤	ASTM D1505	0.918	0.917	0.918	0.918
Melt Index (190℃, 2.16kg)	g/10min	ASTM D1238	1.0	1.0	1.5	1.5
Vicat Softening Temperature	℃	ASTM D1525	106	106	106	106
Melting Temperature	℃	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/㎠	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/㎝	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)	℃	Daelim	95	95	95	95

1. Film Processing Condition : Φ40㎜ Blown Film Extruder, 180℃, BUR 2.5, Φ100㎜ Die, Film thickness 0.030㎜
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.

*NOTICE: Prior to use for any commercial purpose, the customer is fully responsible for determining its suitability for intended application and for ensuring its disposal practices are in compliance with applicable laws and other governmental enactments. DAELIM assumes no obligation or liability in this regard.
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