

XP9500 series

Description

Characteristics	<ul style="list-style-type: none"> ▪ Excellent Toughness and Stiffness ▪ Satisfy Various Stiffness products ▪ Excellent Throughput ▪ Good Filler Loading & Dispersion
Applications	<ul style="list-style-type: none"> ▪ Base Resin for Breathable Film (Hygiene & Industrial Breathable Film)
Processing Recommendation	Processing Temperature 210~250°C
Specification data	Complies with FDA 21 CFR 177.1520

Physical Properties

Resin Properties	Unit	Test Method	XP9500	XP9500S
Density	g/cm ³	ASTM D1505	0.919	0.935
Melt Index (190°C, 2.16kg)	g/10min	ASTM D1238	3.7	3.7
Vicat Softening Temperature	°C	ASTM D1525	107	121
Melting Temperature	°C	ASTM D3418	116	124
Additives	-	-	AO	AO
Film Properties	Unit	Test Method	XP9500	XP9500S
Tensile Strength at Break (MD/TD)	kg/cm ²	ASTM D882	460/390	460/430
Elongation at Break (MD/TD)	%	ASTM D882	450/600	420/550
Dart Impact Strength (A)	gf	ASTM D1709	500	150
Haze	%	ASTM D1003	0.5	2.0
2% Secant modulus (MD/TD)	kg/cm ²	ASTM D882	1,190/1,145	1,810/1,960

1. Film Processing Condition : Φ50mm Cast Film Extruder, 250°C, Film thickness 0.022mm

2. Additives : AO (Antioxidant)

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. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.