

HP3518CN

Description

Outstanding dart impact strength and excellent processability

Co-monomer : 1-Hexene

Additives : Antioxidant only

Application

Stretch wrap film, Breathable film

Key Features

HP3518 Series

Properties	Method	Condition	Unit	HP3518CN
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	3.5
Density	ASTM D1505	Density-Gradient	g/cm ³	0.918
Film Properties				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm ²	430
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm ²	460
Elongation at Break Point, MD	ASTM D882	500mm/min	%	620
Elongation at Break Point, TD	ASTM D882	500mm/min	%	670
Secant Modulus - 1% Secant, MD	ASTM D882	500mm/min	kgf/cm ²	1500
Secant Modulus - 1% Secant, TD	ASTM D882	500mm/min	kgf/cm ²	1600
Dart Impact Strength	ASTM D1709	Method A	g	1000
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	370
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	400
Haze(25μm)	ASTM D1003	25μm	%	3
Thermal				
Melting Temperature	LG Method	by DSC	°C	114

Note

The properties data in this table are typical values, and not guaranteed specification.

Typical film property values are measured on 25μm cast film specimens(Die temperature 230°C, Line Speed 5.0m/min).

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