

UF1002EN

Description

Outstanding dart impact strength and excellent processability

Co-monomer : 1-Butene

Additives : No-Slip & Non-Anti-Block

Application

Food packaging and industrial lamination film

Key Features

UF1002 Series

Properties	Method	Condition	Unit	UF1002EN
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	2
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	380
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm ²	340
Elongation at Break Point, MD	ASTM D882	500mm/min	%	600
Elongation at Break Point, TD	ASTM D882	500mm/min	%	800
Secant Modulus - 1% Secant, MD	ASTM D882	500mm/min	kgf/cm ²	2500
Secant Modulus - 1% Secant, TD	ASTM D882	500mm/min	kgf/cm ²	3100
Dart Impact Strength	ASTM D1709	Method A	g	<135
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	160
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	350
Haze(25μm)	ASTM D1003	25μm	%	11
Thermal				
Melting Temperature	LG Method	by DSC	°C	121

Note

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

Typical film property values are measured on 25μm film specimens(BUR 2.5, processing temperature 170°C).

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