

EP2703BA

Description

Outstanding dart impact strength and excellent processability
 Co-monomer : 1-Hexene
 Additives : Antiblocking agent & Processing Aid (Non-Slip agent)

Application

Heavy duty bag film

Key Features

EP2703 Series

Properties	Method	Condition	Unit	EP2703BA
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	0.3
Density	ASTM D1505	Density-Gradient	g/cm ³	0.927
Film Properties				
Tensile Strength at Break Point, MD	ASTM D882	500mm/min	kgf/cm ²	530
Tensile Strength at Break Point, TD	ASTM D882	500mm/min	kgf/cm ²	530
Elongation at Break Point, MD	ASTM D882	500mm/min	%	480
Elongation at Break Point, TD	ASTM D882	500mm/min	%	700
Secant Modulus - 1% Secant, MD	ASTM D882	500mm/min	kgf/cm ²	4800
Secant Modulus - 1% Secant, TD	ASTM D882	500mm/min	kgf/cm ²	5400
Dart Impact Strength	ASTM D1709	Method A	g	200
Elmendorf Tear Strength, MD	ASTM D1922	500mm/min	gf/μm	70
Elmendorf Tear Strength, TD	ASTM D1922	500mm/min	gf/μm	520
Haze(25μm)	ASTM D1003	25μm	%	12
Thermal				
Melting Temperature	LG Method	by DSC	°C	119

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).

Issued Date : 2022-02-11

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