

HIVAL® FL23 020 AC MM

Low Density Polyethylene

Nexeo Solutions, LLC.

Message:

Suggested Applications

Good Impact Strength on both flat and creased film, textile packaging, light produce, bread bags and other thin packaging films.

General Information			
Features	Good Impact Resistance		
Uses	Bags		
	Film		
	Packaging		
	Thin-walled Packaging		
Agency Ratings	FDA 21 CFR 177.1520 3.1		
	FDA 21 CFR 177.1520 3.2		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	179	MPa	
1% Secant, TD	207	MPa	
Tensile Strength			ASTM D882
MD : Yield	10.3	MPa	
TD : Yield	11.0	MPa	
MD : Break	27.6	MPa	
TD : Break	23.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	300	%	
TD : Break	500	%	
Dart Drop Impact	90	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	360	g	
TD	200	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	70		ASTM D2457

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Recommended distributors for this material

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