

HOPELEN FC-150U

PP HOMO POLYMER

General Information

Description

HOPELEN FC-150U is a high flow polypropylene homopolymer designed for the production of cast film and general extrusion applications. Typical applications are packaging foodstuffs such as pasta, snacks, biscuits, bakery products and confectionery, film for food contact. It is formulated with slip and anti-block package.

Applications

- ◆ General CPP Film

Physical Properties ¹				
Physical	Test Method	Nominal Values		
Melt Flow Index	ASTM D1238	8	g/10min	
Density	ASTM D792	0.90	g/cm ³	
Mechanical				
Tensile Stress (Yield)	ASTM D638	360	kgf/cm ²	35 MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100 %
Flexural Modulus	ASTM D790	17,500	kgf/cm ²	1716 MPa
Notched Izod Impact Strength (23℃)	ASTM D256	2.5	kgf·cm/cm	24 J/m
Rockwell Hardness	ASTM D785	107	R	
Thermal				
Melting Point	ASTM D3418	164	℃	
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	115	℃	
Film Properties				
Haze	ASTM D1004	<1.0	%	
C.O.F	LOTTE'S	<1.0		

* Measured on 30 μ m CPP film made of FC-150U

NOTE

ISO 9001, 14001, ITS 16949

¹ Physical Properties : these are not to be construed as specifications

www.lottechem.com

HOPELEN FC-150U

PP HOMO POLYMER

General Information

Description

HOPELEN FC-150U is a high flow polypropylene homopolymer designed for the production of cast film and general extrusion applications. Typical applications are packaging foodstuffs such as pasta, snacks, biscuits, bakery products and confectionery, film for food contact. It is formulated with slip and anti-block package.

Applications

- ◆ General CPP Film

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	8	g/10min		
Density	ISO 1183	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	360	kgf/cm ²	35	MPa
Tensile Strain (Break)	ISO 527-1	>100	%	>100	%
Flexural Modulus	ISO 178	17,500	kgf/cm ²	1716	MPa
Notched Izod Impact Strength (23℃)	ISO 180	2.5	kgf·cm/cm	24	J/m
Rockwell Hardness	ISO 2039-2	107	R		
Thermal					
Melting Point	LOTTE'S	164	℃		
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	115	℃		
Film Properties					
Haze	ASTM D1004	<1.0	%		
C.O.F	LOTTE'S	<1.0			

* Measured on 30 μ m CPP film made of FC-150U

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

www.lottechem.com