

LDPE 2100

Product Description: LDPE 2100 Heavy Duty Film

Applications: It is suitable for application in Shrink hoods, Industrial sacks, Heavy duty carrier bags and liners

Typical Data:

Property	Unit	Value	Test Method
MFR*	dg/10min	0.3	ISO 1133
Density*	kg/m ³	921	ISO 1183 (A)
Optical properties			
Haze	%	15	ASTM D1003A
Clarity	mV	56	DSM METHOD
Gloss	%	39±5	ASTM D2457
Formulation			
Anti oxidant**	ppm	600±60	DSM METHOD
Anti block	ppm	-	
Slip	ppm	-	
Film Properties			
Impact Strength	kJ/m	35	ASTM D4272
Tear Strength TD	kN/m	25	ISO 6383-2
Tear Strength MD	kN/m	20	ISO 6383-2
Yield Stress TD	MPa	11	ISO R527-1
Yield Stress MD	MPa	12	ISO R527-1
Tensile Strength TD	MPa	26	ISO R527-1
Tensile Strength MD	MPa	29	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Modulus of elasticity MD	MPa	180	ISO R527-1
Secant Modulus			
Puncher resistance			
Coefficient of friction		0.7	ASTM D1894

