

TECHNICAL DATASHEET

HP0722N



PRODUCT DESCRIPTION

HP0722N is Low Density Polyethylene grade suitable for producing medium duty films and contains no slip and antiblock additives. It gives good toughness and optical properties in the film.

TRPICAL APPLICATION

HP0722N can be used for medium duty bags, shrink films, shopping bags, lamination films and frozen food packaging.

TYPICAL DATA

RESIN PROPERTIES	UNIT	VALUE ⁽¹⁾	ASTM TEST METHOD
Melt Flow Rate @ 190°C & 2.16 kg load	g/10 min.	0.75	D 1238
Density @ 23°C	kg/m ³	922	D 1505
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Strength @ break, MD	MPa	26	D 882
TD		24	
Tensile Elongation @ break, MD	%	235	D 882
TD		560	
Tensile Strength @ yield, MD	MPa	12	D 882
TD		11	
1% Secant Modulus, MD	MPa	190	D 882
TD		220	
Dart Impact Strength	g/ micron	2	D 1709
Tear Resistance, MD	g/ micron	6	D 1922
TD	g/ micron	4	
OPTICAL PROPERTIES ⁽²⁾			
Haze	%	9	D 1003
Gloss @ 45°	-	60	D 2457
THERMAL PROPERTIES			
Vicat Softening Point	°C	95	D 1525