

2101TN47

Application

Due to its good processability. The grade has a low energy consumption during processing and has a good draw down ability. This grade enables high speed production of film without blocking. The material is very suitable for thin industrial film, thin packaging film and carrier bags which require high toughness in combination with high resistance to tearing, good optical properties and excellent converting properties.

Additives

Anti oxidant - Anti block - Slip agent

Properties!	Value!	Units!	Test Method!
Polymer Properties			
Melt Index	0.85	g/10 min	
Density	921	Kg/cm ³	
Formulation			
Slip	700 O	ppm	
Anti block	1100	ppm	
Optical Properties			
Gloss (45°)	49	%	ASTM D 2457
Haze	11	%	ASTM D 1003A
Clarity	37	mV	SABTEC method
Mechanical Properties			
Impact strength	30	kJ/m	ASTM D 4272
Tear strength TD	30	kN/m	
Tear strength MD	40	kN/m	
Tensile test			
Yield stress TD	11	MPa	
Yield Stress MD	12	MPa	
Tensile Stress at break TD	21	MPa	
Tensile Stress at break MD	24	MPa	
Strain at break TD	> 500	%	
Strain at break MD	> 200	%	
Modulus of elasticity TD	170	MPa	
Modulus of elasticity MD	160	MPa	
Coefficient of friction	0.1		ASTM D 1894
Blocking	10	g	
Re-Blocking	30	g	

