



SABIC® LLDPE 220NT

LINEAR LOW DENSITY POLYETHYLENE
REGION ASIA

DESCRIPTION

SABIC® 220NT is an ethylene-butene copolymer designed for blown film & cast film application. 220NT contains no slip and no antiblock.

TYPICAL APPLICATIONS

General purpose film & pouch, Agricultural film, stretch film for manual stretch etc.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 190°C & 2.16 kg	2.4	g/10 min	ASTM D1238
Density at 23°C	920	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile test			
stress at yield, MD	10	MPa	ASTM D882
stress at yield, TD	9	MPa	ASTM D882
stress at break, MD	26	MPa	ASTM D882
stress at break, TD	22	MPa	ASTM D882
elongation at break, MD	580	%	ASTM D882
elongation at break, TD	800	%	ASTM D882
1% secant modulus, MD	210	MPa	ASTM D882
1% secant modulus, TD	230	MPa	ASTM D882
OPTICAL PROPERTIES			
Gloss			
at 45°	70	-	ASTM D2457
Haze ⁽¹⁾	11	%	ASTM D1003

(1) Properties have been measured by producing 20 µ film with 2 BUR using 100% 220NT.