LL8420AB

Linear Low Density Polyethylene Resin

Special Characteristics: InnoPlus LL8420AB is a powder form of InnoPlus LL8420A resin which is designed for masterbatch carrier application. This grade has very narrow molecular weight distribution, offers an excellent impact strength, rigidity, environmental stress cracking resistance and processability.

Typical Applications: InnoPlus LL8420AB is recommended for producing masterbatch carrier.

Typical Properties:

Properties	LL8420AB	Unit	Test Method
Physical Properties			
Melt Index (190 °C, 2.16 kg)	20	g/10 min	ASTM D1238
Density	0.924	g/cm^3	ASTM D792
Melting Temperature	123	°C	ASTM D3418
Vicat Softening Point	92	°C	ASTM D1525
Mechanical Properties (Based on compression specimens)			
Tensile Strength at Yield	14	MPa	ASTM D638
Tensile Strength at Break	10	MPa	ASTM D638
Elongation at Break	700	%	ASTM D638
1% Secant Modulus	300	MPa	ASTM D638
Durometer Hardness	52	Shore D	ASTM D2240

Recommendation:

The recommended temperature setting is in the range of 170 – 190 °C for extruder and 180 – 200 °C for Nozzle.

FDA Statement:

Food and Drug Administration US FDA 21 CFR 177.1520 and Commission Regulation (EU) 10/2011. More compliance regulations and standards that related to the product shall be exhibited in Product Regulatory Certificate (PRC) document.

[HongKong] +852-69575415 [China GuangDong] +135-3858-6433 [China ShangHai] +188-1699-6168