

HD1010S

High Density Polyethylene Resin

Special Characteristics : InnoPlus HD1010S is high density polyethylene resin with narrow molecular weight distribution. It provides excellent spinnability, good thermal stability, anti-gas fading property, tightly controlled gel level and soft touch for using as bicomponent staple fibers and spunbond of non-wovens.

Typical Applications : Bicomponent staple fibers and spunbond for non-wovens

Typical Properties :

Properties	HD1010S	Unit	Test Method
Physical Properties			
Melt Flow Rate (190 °C, 2.16 kg)	20	g/10 min	ASTM D1238
Density	0.956	g/cm ³	ASTM D1505
Vicat Softening Point	122	°C	ASTM D1525
Melting Temperature	130	°C	ASTM D3418
Mechanical Properties (compression specimens)			
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Tensile Strength at Break	140	kg/cm ²	ASTM D638
Elongation at Break	300	%	ASTM D638

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.