



LDPE

Product description				
Material designation	>LDPE<			
Colour	Natural			
Application	FOR agricultural film,shrinkable film,heavy packing film,laminated film,shopping bag,freezing film,co extruded multilayer film,all kinds of packing bags,LLDPE mixing materials,power cable insulation cross linking,blow			
Material shape	Sheet,film			
Processing method	Extrusion molding,blow molding			
Physical property	Condition	Test standard	Data	Unit
Specific Gravity	□	ASTM D792	0.9205~0.9245	g/cm ³
Melt flow index	°C/Kg	ASTM D1238	0.60-0.90	g/10min
Film thickness			50	um
Turbidity			≤9.00	°C
Hardness	Condition	Test standard	Data	Unit
HS			≥45	
Mechanical property	Condition	Test standard	Data	Unit
Tensile Strength	23°C	ASTM D638	≥10	Mpa
Elongation at Break	23°C	ASTM D638	≥500	%
Tensile break strength	MD		≥20	Mpa
	TD		≥20	Mpa
Elongation at Yield	MD		≥250	%
	TD		≥450	%
Tear strength	MD		≥2.50	CN/um
	TD		≥3.00	CN/um
Impact strength			≥2.50	CN/um
Thermal property	Condition	Test standard	Data	Unit
Vicat Softening Temperature		ASTM 1525	≥97	°C
Melt temperature			107-112	°C