



ChangZhou Yi Yi International Trading Co., Ltd.

LLDPE M500026

产品描述

Material designation	>LLDPE<
Colour	natural colour
UL File number	
Material properties	Automobile application home supplies cover
Material shape processing	High ESCR (stress cracking resistance) high gloss low temperature toughness narrow molecular weight distribution
mode	Granular injection molding

Physical property	Condition	Test standard	Data	Company
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Melt flow index	190°C2.16Kg	ASTM D570	50	g/10min
Density		ASTM D1505	0.926	g/cm ³

Hardness	Condition	Test standard	Data	Company
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Shao's D		ASTM D2240	50	
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Mechanical properties	Condition	Test standard	Data	Company
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tensile strength	23°C	ASTM D638	10	MPa
elongation at break	23°C	ASTM D638	>350	%
tensile modulus	23°C	ASTM D638	240	MPa
bending strength	23°C	ASTM D790	8	MPa
flexural modulus	23°C	ASTM D790	200	MPa
notched impact strength of cantilever beam	23°C	ASTM D256	500	J/m

Thermal property	Condition	Test standard	Data	Company
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Vicat Softening Temperature		ASTM 1525	88	°C
Brittle temperature		ASTM D746	<-75	°C

Injection molding condition	Condition	Recommended value	Company
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Injection temperature	Rear of screw	180-230	°C
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Injection temperature	Rear of screw	180-230	°C
Injection temperature		15-60	°C