

DAELIM

mLLDPE

XP9100

Product information				
Manufacturer		DAELIM INDUSTRIAL CO., LTD.		
Color		NC		
Material Shape		Pellets		
Process		Blow molding		
Material Attribute		Antiblock Food Contact grade		
Features		High ClarityHigh glossHigh shrinkageHigh toughnessHigh stiffnessLow temperature heat sealabilityLow extractablesMetallocene		
Application		Heavy-duty bagsShrink wrap		
Additives		Antiblock Antioxidant Processing Aid		
Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Flow Break	ASTM D882	630	%
Elongation	xFlow Break	ASTM D882	650	%
Falling	Weight Impact Strength Method A	ASTM D1709	300	g
Tearing	Strength Flow	ASTM D1004	140	kg/cm
Tearing	Strength xFlow	ASTM D1004	145	kg/cm
Tensile	Strength Flow Break	ASTM D882	580	kg/cm²
Tensile	Strength xFlow Break	ASTM D882	530	kg/cm²
Optical performance	Condition	Standard	Value	Unit
Gloss	45°	ASTM D2457	85	
Haze		ASTM D1003	10	%
Physical property	Condition	Standard	Value	Unit
Density		ASTM D1505	0.925	g/cm³
Melt	Index 190°C 2.16kg	ASTM D1238	0.8	g/10min
Thermal	Condition	Standard	Value	Unit
Heat	Seal Temperature 2.8kg 0.5s	INTERNAL METHOD	118	°C
Melting	Temperature	ASTM D3418	119	°C
Vicat	Softening Temperature	ASTM D1525	117	°C