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WeConnectScience

LG Chem

LC168

Description

EBR(Ethylene-1-Butene copolymer)
Excellent impact modifier
For compounding automotive parts to reinforce low-temperature impact strength

Application

Automotive interior/exterior

Properties	Method	Condition	Unit	LC168
Physical				
MFI	ASTM D1238	190℃, 2.16kg load	g/10min	1.2
Density	ASTM D1505	Density-Gradient	g/cm³	0.862
Mooney Viscosity	ASTM D1646	ML1+4@121℃	MU	20
Mechanical				
Tensile Strength at break point	ASTM D638	500㎜/min	MPa	1.7
Elongation at break point	ASTM D638	500㎜/min	%	>500
Tear Strength	ASTM D624	Type C	kN/m	17
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	8
Hardeness(Shore A)	ASTM D2240	Shore A		45
Thermal				
Melting Temperature	LG Method	by DSC	℃	32
Glass Tansition Temperature	LG Method	by DSC	℃	-58

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard compression molded specimens.

Storage and handling Recommendations

The proper storage and handling of these product
is extremely important for the products to remain flowable for transport and processing
without pellet blocking.
To prevent pellet blocking
- To minimize static load, do not double stack pallets.
- Keeping storage and handling temperature between 10~25℃.
- Storage the resins in the warehouse to protect from exposure to elevated temperature
which is not to exceed 35 ℃.
- Consume the resins on a first in, first out basis.