LLDPE UM2020JN

Z-N LLDPE

Typical Applications

- Compound, Injection Molding(Housewares, Toys, Containers, etc.), Extrusion Coating

Characteristics

- **UM2020JN** has outstanding processability, excellent mixability with fillers.
- Good mechanical property balance between stiffness and impact strength
- Product Form : Pellet type
- Co-monomer : 1-Butene
- Additives : Slip : No, Anti-Block : No, Antioxidant : Yes

Properties

Item	Test Method	Unit	Typical Value
Resin Properties			
Density	ASTM D1505	g/㎤	0.924
Melt Index (190℃ / 2.16Kg)	ASTM D1238	g/10min	20
Mechanical Properties			
Tensile strength at Yield (23℃)	ASTM D638	MPa	9.4
Elongation at Break (23℃)	ASTM D638	%	>500
Flexural modulus (23℃)	ASTM D790	MPa	255
IZOD Impact strength(Notched, 23℃)	ASTM D256	J/m	Non-Break
Hardness(Shore D)	ASTM D2240	-	45
Thermal Properties			
Melting Temperature	LG Method	℃	124
Brittleness Temperature	ASTM D746	℃	<-76

*** Mechanical properties are measured on injection molding specimen.**
**** The data in this table are typical values, and not guaranteed specification.**

Injection molding Processing Guide

- Processing temperature : 180 ~ 250℃
- Mold temperature : 10 ~ 40℃

※ For using other processing method, please contact TS&D(below).

For additional sales, order and technical assistance

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