

**LIBOLON NGN0-4D3**

Product description

LIBOLON NGN0-4D3 is a polyamide 6 chip with middle viscosity that is well applicable to production of injection and other blending. Lubricants are incorporated to improve gloss and anti-blocking properties.

Supply form and storage

LIBOLON NGN0-4D3 is pre-dried and ready for processing in the moisture proof containers, such as small boxes (25kg).

Test Item	Methods	Unit	Actual	
<b>Physical Properties</b>	Diameter of Chip	Micrometer	mm	1.8~2.5
	Weight of Chip	Balance	g/100pc	0.95~1.15
	Density	ASTM D792	g/cm <sup>3</sup>	1.14
<b>Mechanical Properties</b>	Tensile Strength	ASTM D638	Mpa	62.0
	Elongation at Break	ASTM D638	%	180
	Flexural Modulus	ASTM D790	Mpa	1540
	IZOD Impact, Notched 1/8" 23°C	ASTM D256	J/m	64
	Mold Shrinkage			
	Normal	ASTM D955	%	0.6
	Parallel	ASTM D955	%	0.7
	Hardness	ASTM D2240	Shore D	75
<b>Thermal Properties</b>	Melting Point	DSC	°C	220
	Melting Index 230°C, 2.16kg	ASTM D1238	g/10min	20

Remark: The information contained is believed to be reliable, but no warranties for law.

Processing Information	Unit	** Suggested**
Suggested Dry condition(while necessary)	-	85-90°C (3-4hrs)
Processing Temperature	°C	240-260
Mold( Cool Temperature)	°C	30-50

Remark: The suggested information could be modified while necessary.

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