



Polyamide 6 - Recycled Fishing Nets w 15GF

Injection Grade

Description

PA-8707-N is a pure Polyamide 6 made of Fishing Nets Recycling for Injection Molding applications

PHYSICAL FORM	Pellets
COLOR	Natural
PACKAGING	25 Kg / Bag
FILLER / REINFORCEMENT	15% Natural Glass fiber / 0.7% Nano Glass fiber / Heat Stabilizer
STORAGE	Store in sealed packages bags and keep away from moisture

Permanence	Value	Unit	Test Method
Density	1.32	g/cm3	ASTM D 792
Melt Flow Index 270°C/2.16Kg	>4.8	g/10min	ISO 1133-1
Molding Shrinkage 2.0mm Section - Flow	0.18-0.32	%	ASTM D 955

Mechanical	Value	Unit	Test Method
Tensile Strength	>115	Mpa	ISO 527-1
Elongation at Break	>2.0	%	ISO 527-1
Moisture (/60%RH)	2.5~3.0	%	*
Charpy Notched Impact Strength 23°C	>8.0	kJ/m3	ISO 179-1
Hardness	125-135	R Scale	Rockwell
Carbon Black Content	0.03~0.08	%	ASTM D 1603

Injection Instruction	Normal Value	Unit	Remarks
Injection Pressure	80-130	Mpa	
Barrel Bottom Temp	225-240	°C	
Barrel Middle Temp	240-255	°C	
Barrel Front Temp	185-205	°C	
Nozzle Temp	250-265	°C	For Reference Only
Drying Temp	80-100	°C	
Drying Time (Dryer with Dehumidifier)	3~4	Hours	
Mold Temp	60-110	°C	

Remarks

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