



TECHNICAL DATA SHEET

Product Name: PA6
Product Grade: BL3200

Product Description:

PA6 BL3200 is a white plastic granule whose monomer is caprolactam, which is polymerized from caprolactam.

Physical Properties:

Item	Unit	Standard
APPEARANCE		White translucent granule
RELATIVE VISCOSITY		2.05 ± 0.05
EXTRACTABLES	%	≤ 0.6
MOISTURE	w/%	≤ 0.06
YELLOW SLICES	Capsules/5g	≤ 0
RELATIVE DENSITY		1.12-1.15
MELT INDEX	g/10min	160-200
TENSILE STRENGTH	Mpa	55-65
ELONGATION AT BREAK	%	10-20
BENDING MODULUS	Mpa	2100-2300
CANTILEVER BEAM NOTCHED IMPACT STRENGTH	KJ/m ²	4.5-5.6
NOTCHELSS IMPACT STRENGTH OF SIMPLY SUPPORTED BEAM	KJ/m ²	70-80

Typical Applications:

PA6 BL3200 is used as plastic parts, modified base resin,color masterbatch, with excellent melt flow,comprehensive thermal and mechanical properties.

Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.