



## TECHNICAL DATA SHEET

Product Name: PA6

Product Grade: BL5400

### Product Description:

PA6 BL5400 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		$4.0 \pm 0.1$
EXTRACTABLES	%	$\leq 0.6$
MOISTURE	w/%	$\leq 0.06$
YELLOW SLICES	Capsules/5g	$\leq 0$
RELATIVE DENSITY		1.12-1.15
MELT INDEX	g/10min	2.3-2.8
TENSILE STRENGTH	Mpa	65-75
ELONGATION AT BREAK	%	150-300
BENDING MODULUS	Mpa	2150-2600
CANTILEVER BEAM NOTCHED IMPACT STRENGTH	KJ/m <sup>2</sup>	7.0-9.5

### Typical Applications:

PA6 BL5400 is used as multi-layer co-extruded film, bellows, with good gas barrier, high strength, good transparency and high film stability.

### Manufacturer:

Sinopec Baling Petrochemical Co., Ltd.