

TEHRAN POLYMER SABA

SABAMIDE 6AB



Description

Sabamide 6AB is polyamide 6 resin offering high mechanical properties, stiffness and thermal resistance.

Characteristics

This grade is designed to be processed in conventional injection molding process and black color.

Applications

This product is used in housewares, automotive applications, home appliance industry.

Properties

Physical

	METHOD	UNIT	VALUE
ASH CONTENT	ASTM D5630	%
DENSITY	ASTM D792	g/cm ³	1.1-1.2
MOISTURE CONTENT	ASTM D6980	%	0.2

Mechanical

TENSILE STRESS @ yield	ASTM D638	MPA	65
ELONGATION @ BREAK	ASTM D638	%	15
FLEXURAL MODULUS (2 mm/min)	ASTM D790	MPA	2300
IZOD NOTCHED IMPACT STRENGHT @ 23 C	ASTM 6110	kJ/m ²	4
HARDNESS	ASTM D2240	SHORE D	75

Thermal

Heat Deflection Temperature @1.82 MPa	ASTM D648	C	...
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Processing Conditions

DRYING TEMPRATURE	--	C	80
DRYING TIME	--	HOUR	2-4
BARREL TEMPRATUTE	--	C	230-240
MELT TEMPRATURE	--	C	220-230
HOLD PRESSURE	--	MPA	40-70

Notes:

These are typical values of the product's properties, and these values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes.

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