



DAI A INDUSTRY JOINT STOCK COMPANY

Factory's add.: Luong Son Industrial Zone, Hoa Binh Province, Vietnam

Office add: Nam Cuong Building, To Huu Str., Ha Dong Dist., Hanoi, Vietnam

Tel.: +84. 24. 3200 6580

Fax: +84. 24. 3200 6581

E-mail: info@daiaplastic.com /

Website: <http://daiaplastic.com>

TECHNICAL DATA SHEET PRODUCT NAME: BLACK COMPOUND PRODUCT GRADE: IC-PP0020NKT4

General Description

IC-PP0020NKT4 is black polypropylene compound provide a unique balance of physical properties and ease of processing. A full range of flexural modulus, impact and other physical property options allows you to customize a solution to meet your specific application's needs. It is a very high flow grade developed for rigid components requiring good surface finish and impact strength.

Physical Property

Items	Method of experiment	Unit	Value
Carrier Resin			PP
Appearance			Black Pellets
Melting Temperature		°C	140-150
Density	ASTM D792	g/cm ³	0.93
Melt Flow Index (230°C/2.16kg)	ASTM D1238	g/10 min	9 – 20
Moisture Content	ASTM D570	%	< 0.03
Tensile Strength at Break	ASTM D638	MPa	18 - 25
Tensile Elongation at Break	ASTM D638	%	700 - 900
Flexural Strength	ASTM D790	MPa	30 – 44
Flexural Modulus	ASTM D790	MPa	650 - 950
Charpy Impact Notched	ASTM D256	KJ/m ²	< 35
Hardness Shore D	ASTM D2240	D	54

Processing Technique

Application Rate

Packing

Storage

Injection molding

100% of the part's weight

20 kg/bag

Keep at dry condition