

TECHNICAL DATASHEET



ABS

SN0417STD

Product information

Color	NC
Material Shape	Pellets
Process	Injection molding
FR	HB
Specification	·UL

Physical	Typical Value Unit	Test Method
Density 23°C	1.04 g/cm ³	ASTM D792
Melt Index 220°C 10kg	19.5 g/10min	ASTM D1238

Hardness	Typical Value Unit	Test Method
Rockwell Hardness R(Scale)	111 —	ASTM D785

Mechanical	Typical Value Unit	Test Method
Tensile Strength Yield 50 mm/min 3.2mm	47.3 Mpa	ASTM D638
Flexural Strength 2.0mm/min 3.2mm	64.9 Mpa	ASTM D790
Flexural Modulus 2.0mm/min 3.2mm	2230 Mpa	ASTM D790
Izod Notch Impact 23°C 3. 2mm	208 J/m	ASTM D256

Thermal	Typical Value Unit	Test Method
HDT	75 °C	ASTM D648
Vicat 50°C/hr 50N	99.5 °C	ASTM D1525

Flammability	Typical Value Unit	Test Method
Flame Rating 1.5mm	HB —	UL94

Product Packaging

25kgs Bag/FIBC