

# TECHNICAL DATASHEET



## ABS

SN5220SJR20FR

Physical	Test Condition	Typical Value Unit	Test Method
Density	—	1.3 g/cm <sup>3</sup>	ASTM D792
Melt Index	220°C×10kg	12 g/10min	ASTM D1238
Molding shrinkage	—	0.2~0.4 %	ASTM D955

Mechanical	Test Condition	Typical Value Unit	Test Method
Tensile Strength	—	80 MPa	ASTM D638
Tensile Elongation at Break	—	5 %	ASTM D638
Flexural Strength	—	110 MPa	ASTM D790
Flexural Modulus	—	5500 MPa	ASTM D790
Notched Izod Impact,3.2mm	3.2mm,Notched	100 J/m	ASTM D256

Thermal	Test Condition	Typical Value Unit	Test Method
Heat Deflection Temp. 1.82MPa Unannealed	1.82MPa	98 °C	ASTM D648
VICAT	B	112 °C	ASTM D1525

Flammability	Test Condition	Typical Value Unit	Test Method
Flammability	1.5mm	V-0 Class	UL-94
	3.0mm	V-0 Class	UL-94

## Product Packaging

25kgs Bag/FIBC