

Typical properties of SAN and Application

Properties	Unit	Test Method	Normal Flow	High Flow	High Heat	High Heat & High Flow	High Heat & High Strength	High Chemical Resistance
Melt Index (200°C, 5,000 g)	(g/10 min.)	ASTM D-1238	1.5	2.2	1.5	3.3	1.0	3.3
Tensile Strength (Break)	(MPa)	ASTM D-638	74	72	76	74	79	78
Flexural Strength	(MPa)	ASTM D-790	130	120	130	125	135	135
Vicat Softening Point (1,000 g)	(°C)	ASTM D-1525	108	108	109	109	109	109
Transparency	(%)	ASTM D-1003	90	90	90	90	90	90
Main Application			Dust cover for audio, Electric fan propellar, Juicer bowl, Parts of artificial kidney, Parts of VTR tape.	Food utensils, Bicycle reflector, Stationary, Raw material for ABS	Cassette tape case, Car battery case, Water meter case	Cosmetics container, Cassette tape case	Gas lighter, Car battery, Handles for brushes and tooth-brushes	Cosmetics container, Parts of computer's printer and VTR, Gas lighter