

# STAREX SV-0167

ABS Extrusion

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,03
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	5
Thermal	Vicat Softening Temperature	B/50	ISO R 306	°C	123
	Heat Deflection Temperature	1.8 MPa	ISO 75-2	°C	78
	Heat Deflection Temperature	0.45 MPa	ISO 75-2	°C	92
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	44
	Tensile Strain at Break	50mm/min	ISO 527	%	13
	Tensile Modulus	50mm/min	ISO 527	MPa	2000
	Tensile Strength at Break	50mm/min	ISO 527	MPa	33
	Flexural Strength	2mm/min	ISO 178	MPa	67
	Flexural Modulus	2mm/min	ISO 178	MPa	2200
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m <sup>2</sup>	36
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	33
	Rockwell Hardness	R-scale	ISO 2039-2	-	103