

STAREX WX-9700

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,07
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	9
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,79
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	75
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	88
	Vicat Softening Temperature	B/50	ISO R 306	°C	95
Mechanical	Tensile Modulus	50mm/min	ISO 527	MPa	1660
	Tensile Strength at Break	50mm/min	ISO 527	MPa	24
	Flexural Strength	2mm/min	ISO 178	MPa	65
	Flexural Modulus	2mm/min	ISO 178	MPa	2030
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	10
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	15
	Rockwell Hardness	R-scale	ISO 2039-2	-	96
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	44
Tensile Strain at Break	5mm/min	ISO 527	%	28	