

706 6958

TECHNICAL DATA

GRADE: AS10VN
DESCRIPTION: NATURAL NYLON 66

COLOUR REFERENCE: 1357/1

PROCESS RECOMMENDATIONS

BARREL TEMPERATURES: 260-290°C

MOULD TEMPERATURE: - 80°C

DRYING TEMPERATURE: 70-80°C FOR 4-6 HOURS

ADDITIONAL INFORMATION:

PROPERTIES (DAM)	TEST METHOD	UNITS	TYPICAL VALUE
MECHANICAL PROPERTIES			
Tensile Strength	ISO R 527	MPa	75
Ultimate Elongation	ISO R 527	%	30
Flexural Modulus	ISO R 178	MPa	2800
Flexural Strength	ISO R 178	MPa	105
Izod Notched Impact	ISO R 180	kJ/m ²	5
Tensile Modulus	ISO R 527	GPa	3
THERMAL PROPERTIES			
Melting Point	ISO R 1218	°C	255
Heat of Deflection Temperature 1.85MPa	ISO R 75	°C	70
0.46MPa		°C	190
Coefficient of linear thermal expansion	ASTM D 696	x 10 ⁻⁵ .K ⁻¹	7
MISCELLANEOUS			
24 Hour Moisture Absorption	ISO R 62	%	1.5
Specific Gravity	ISO R 1183	-	1.13
Mould Shrinkage	-	mm/mm	0.015
Poisson's Ratio	-	-	0.4
Comparative Tracking Index	IEC 112	-	600
Flammability to UL94	IN HOUSE	Rating	V2

