



Document	ASTM Datasheet
Description	Hybrids & High-tech
Grade	A11/A21A50-XXX-YYY
Application	Injection Moulding/Extrusion

Properties	Method	Unit	Value
Physical			
Density at 23°C	ASTM D792	g/cm3	1,02
Mechanical at 23 °C			
Hardness 3"	ASTM D2240	Shore A	50
Tensile strenght at break	ASTM D412/C	MPa	13,0
Elongation at break	ASTM D412/C	%	560
100% Modulus	ASTM D412/C	MPa	1,6
Tear strenght	ASTM D624/C	N/mm	21
Abrasion	DIN 53516	mm3	80
Processing Conditions			
Melt Temperature Range	°C	170-180-190	
Nozzle	°C	190	
Mold Temperature Range	°C	20-40	
Drying Temperature	°C	80	
Drying Time	Hour	3	
Regulations compliance			
RoHS compliance status:	COMPLIANT		
Shelf life			
1 year from production date			

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