



Document	ASTM Datasheet
Description	Hybrids & High-tech
Grade	E11/E21A45-XXX-YYY-G1
Application	Injection Moulding/Extrusion

Properties	Method	Unit	Value
Physical			
Density at 23°C	ASTM D792	g/cm3	0,95
Mechanical at 23 °C			
Hardness 3"	ASTM D2240	Shore A	45
Tensile strenght at break	ASTM D412/C	MPa	7,8
Elongation at break	ASTM D412/C	%	>800
100% Modulus	ASTM D412/C	MPa	0,9
Tear strenght	ASTM D624/C	N/mm	20
Compression set (22h/70°C)	ASTM D395/B	%	22
Processing Conditions			
Melt Temperature Range	°C	190-210-230	
Nozzle	°C	240	
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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