



Document	ASTM Datasheet
Description	Hybrids & High-tech
Grade	A11/A21A65-XXX-YYY
Application	Injection Moulding/Extrusion

Properties	Method	Unit	Value
Physical			
Density at 23°C	ASTM D792	g/cm3	1,04
Mechanical at 23 °C			
Hardness 3"	ASTM D2240	Shore A	65
Tensile strenght at break	ASTM D412/C	MPa	18,0
Elongation at break	ASTM D412/C	%	520
100% Modulus	ASTM D412/C	MPa	2,5
Tear strenght	ASTM D624/C	N/mm	32
Abrasion	DIN 53516	mm3	60
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			

Disclaimer

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

The value above is the representative value of the NP standard and may have deviation. It can only be used for selecting materials and shall not be regarded as a material specification and cannot be used for molding designs. Information inserted in this document such as data, statements, representative values, etc. are provided solely for customer convenience. It does not expressly or impliedly guarantee anything regarding the safety or practicability of the (1) materials, (2) products, and/or (3) design that utilizes recommendations or proposals, of Sirmax. Furthermore, nothing in the contents of this document shall have any legal binding effect, and especially, the representative value is simply for reference and is not a minimum value that has legal binding effect.

Whether materials and/or products of Sirmax and/or a design that uses or utilizes Sirmax recommendations or proposals are (is) compatible with individual uses shall be determined solely by each user and such user shall be solely responsible for any results, including but not limited to, any and all loss and damages incurred due to such uses. Users must implement and verify all testing and analyses for proving the safety and compatibility of final products that have been created or altered by using Sirmax's materials or products. The data and values inserted and/or contained in this document may be changed due to quality improvement of the product without any prior notification.

Sirmax s.p.a.

E.A.R. N° 91334
P.IVA 00168180248
sirmax@sirmax.com

Group Headquarter:

Viale dell'Artigianato, 42
35013 Cittadella (PD) – Italy
Tel. +39 049 9441111 – Fax +39 049 9441112