



FRIANYL® A3 H S30 V0XI NC 1101/A

FRIANYL®

Car industry, Household appliances, Electrical devices.

	_								-						
Į.	ار	r	\cap	М	ш	C	tι	ır	١t		r	\mathbf{r}	2	ŤΙ	n
		ш		u	w	н.				u			П		

12	R(17)< 5 °C	ISO 11469 IEC 60216-1
		ISO 294-4, 2577 ISO 294-4, 2577
dry/cond.		
6100/- 65/- 4/- 5500/- 80/- 17/- 2.5/- 0.35/- ^[C]	MPa MPa % MPa MPa kJ/m² kJ/m²	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eU ISO 180/1A
dry/cond.		
260/* 210/* 220/*	°C °C	ISO 11357-1/-3 ISO 75-1/-2 ISO 75-1/-2
dry/cond.		
V-0/* V-0/* 0.8/* yes/* 960/-	class class mm °C °C	IEC 60695-11-10 IEC 60695-11-10 IEC 60695-11-10 UL 94 IEC 60695-2-12 IEC 60695-2-12
dry/cond.		
500/-		IEC 60112
dry/cond. 1.4/* 4.4/* 1540/-	% % kg/m³	Sim. to ISO 62 Sim. to ISO 62 ISO 1183
	0.4 - 0. 0.7 - 0. dry/cond. 6100/- 65/- 4/- 5500/- 80/- 17/- 2.5/- 0.35/- ^[C] dry/cond. 260/* 210/* 220/* dry/cond. V-0/* V-0/* 0.8/* yes/* 960/- 960/- dry/cond. 500/- dry/cond.	6100/- MPa 65/- MPa 4/- % 5500/- MPa 80/- MPa 17/- kJ/m² 2.5/- kJ/m² 0.35/- ^[C] dry/cond. 260/* °C 210/* °C 220/* °C dry/cond. V-0/* class V-0/* class 0.8/* mm yes/* 960/- °C 960/- °C dry/cond. 500/- dry/cond. 1.4/* % 4.4/* %

Printed: 2025-05-29 Page: 1 of 2

Revised: 2025-02-14 Source: Celanese Materials Database





FRIANYL® A3 H S30 V0XI NC 1101/A

FRIANYL®

Injection

Drying Recommended	yes	
Drying Temperature	80	°C
Drying Time, Dehumidified Dryer	2 - 4	h
Processing Moisture Content	≤0.1	%
Melt Temperature Optimum	280	°C
Min. melt temperature	265	°C
Max. melt temperature	290	°C
Screw tangential speed	≤0.2	m/s
Mold Temperature Optimum	80	°C
Min. mould temperature	70	°C
Max. mould temperature	90	°C

Characteristics

Processing Injection Moulding

Additives Flame retardant, Mineral Filler

Special characteristics Flame retardant, Heat stabilised or stable to heat, Low Warpage

Printed: 2025-05-29 Page: 2 of 2

Revised: 2025-02-14 Source: Celanese Materials Database

NOTICE TO USERS: Values shown are based on testing of laboratory test specimens and represent data that fall within the standard range of properties for natural material. These values alone do not represent a sufficient basis for any part design and are not intended for use in establishing maximum, minimum, or ranges of values for specification purposes. Colourants or other additives may processing conditions and environmental exposure. Other than those products expressly identified as medical grade (including by MT® product designation or otherwise), Celanese's products are not intended for use in medical or dental implants. Regardless of any such product designation, any determination of the suitability of a particular material and part design for any use contemplated by the users and the manner of such use is the sole responsibility of the users, who must assure themselves that the material as subsequently processed meets the needs of their particular product or use. To the best of our knowledge, the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy and completeness of such information. The information contained in this publication should not be construed as a promise or guarantee of specific properties of our products. It is the sole responsibility of the users to investigate whether any existing patents are infringed by the use of the materials mentioned in this publication. Moreover, there is a need to reduce human exposure to many materials to the lowest practical limits in view of possible adverse effects. To the extent that any hazards may have been mentioned in this publication, we neither suggest nor guarantee that such hazards are the only ones that exist. We recommend that persons intending to rely on any recommendation or to use any equipment, processing technique or material mentioned in this publication should satisfy themselves that they can meet all applicable safety and health standards. We strongly recommend that users

© 2025 Celanese or its affiliates. All rights reserved. Celanese®, registered C-ball design and all other trademarks identified herein with ®, TM, SM, unless otherwise noted, are trademarks of Celanese or its affiliates. Fortron is a registered trademark of Fortron Industries LLC.