



**HIGH PERFORMANCE THERMOPLASTICS**

# Moisture Absorption

Standard ISO 1110 - Cond. 70°C 62% humidity

Material	Moisture absorption %	Tensile modulus (MPa)	Stress at yield (MPa)	Elongation at yield %	Load at break (MPa)	Elongation at break %
LATAMID 6 H2 G/20-V0	1,71	5268	--	--	37	1.71
LATAMID 6 H2 G/30	1,72	4285	--	--	78	4.73
LATAMID 6 E02	2,11	489	--	--	26	99
LATAMID 6 H2 G/30-VOCT1	1,13	5813	77	4.51	76	5.08
LATAMID 6 CUVH PX10 G/35	1,90	5675	99	5.22	97	5.73
LATAMID 66 B G/20-V	1,68	4415	59	3.49	38	5.56
LATAMID 66 G/50	1,30	10763	--	--	152	4.21
LATAMID 66 H2PX-V2	1,65	1316	--	--	35	99.1
LATAMID 66 H2 G/60	1,19	12690	--	--	153	3.55
LATAMID 66 H2 K/30	2,04	13632	--	--	166	2.93
LATAMID 66 H2 G/25-V0KB1	1,57	4496	76	3.56	73	4.54
LATAMID 66 VH G/30	1,67	5112	93	3.92	91	4.55
LATAMID 66 S/30	1,87	1616	51	>10	48	21.74
LATAMID 66 E21 G/30	1,40	4781	84	4.95	82	6.21
LATAMID 66 E21	1,70	615	--	--	34	96.29
LATAMID 66 H2 G/25-V0CT1	0,90	4776	87	5	86	5.96
LATAMID 66 VH2 G/30	1,6	5325	102	4.18	100	4.93
LATAMID 66 H2 G/35-V0KB1	1,4	6215	108	4.14	108	4.47
LATAMID 66 H2 G/25-V0KB4	1,2	4540	79	3.22	77	3.9
LATAMID 66 H2E21 G/13	2,2	2668	60	7.44	56	12.98
LATAMID 66 H2 G/50-V0KB1	1,1	10037	--	--	134	2.99
LATAMID 66 H2 G/25-V0HF1	1,3	3559	54	9.68	53	10.74
LATAMID 68 H2-V0	2,3	1362	43	>10	42	88.47
LATAMID 12 H2 G/30	0,48	4471	93	7.06	90	8.92
KELON A FR H2 CET/35-V2	1,35	4475	--	--	38	4.31
LATIGLOSS 66 G/60	1,04	16659	173	3.4	172	3.69
LATIGLOSS 66 H2 K/30	1,8	15490	--	--	162	2.91
LATIGLOSS H2 G/50	1,3	13913	167	3.29	165	3.93
LATIGLOSS 57 G/60	0,8	22572	--	--	242	1.85
LARAMID G/60	0,64	25642	--	--	279	1.86

Values shown are based on testing of injection moulded laboratory test specimens, conditioned according to the practice and represent data that fall within the standard range of properties for non-coloured material, if not otherwise specified. As they may be subject to variations, these values do not represent a sufficient basis for any part design and are not intended for use in establishing values for specification purposes. Properties of moulded parts can be influenced by a wide range of factors including, but not limited to, colorants, part design, processing conditions, post-treatment conditions, environmental conditions and usage of regrind during the moulding process. If data are explicitly indicated as provisional, range of properties has to be considered wider. This information and technical assistance are provided as a convenience for informational purposes only and are subject to change without notice. The customer shall always ensure that the latest release of technical information is at his own disposal. Lati S.p.A. extends no warranties or guarantee, including a warranty of merchantability of whatever use is made of the product, and make no representations as to the accuracy, suitability, reliability, completeness and sufficiency of the information provided, and assume no responsibility regarding the consequences of its use or for any printing errors. It is the customer's responsibility to inspect and test our products in order to determine to his own satisfaction whether they are suitable for his intended uses and applications or used in conjunction with third-party materials. This application-specific analysis shall at least include preliminary testing to determine the suitability for the customer's particular purpose from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us as the manner in which the customer use and the purpose to which utilise our products are beyond our control. Lati S.p.A. does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information. No one is authorised to make any warranties, issue any immunities or assume any liabilities on behalf of Lati S.p.A. except in a writing signed by a specifically authorised Lati S.p.A. executive. Unless otherwise agreed in writing, the exclusive remedy for all claims is replacement of the product or refund of the purchase price at Lati's option, and in no event shall Lati S.p.A. be liable for special, consequential, incidental, punitive or exemplary damages. No information herein can be considered as a suggestion to use any product in conflict with intellectual property rights of third-parties. Lati S.p.A. disclaims any liability that may be claimed for infringement or alleged infringement of patents. For any other issues Lati S.p.A. Conditions of Sales apply. Copyright © LATI S.p.A. 2008