

LAURAMID INJECT® 970

Greater performance for injection moulded rollers

	Test regulations	Unit	Lauramid Inject® 970	PA 12	PA 6	PA 6 30GF	PA 6.6	PA 4.6
Yield stress	ISO 527	Mpa	38 - 44	45	80/45	175/110	85/50	100/50
Elongation at break	ISO 527	%	>200	>50	>50/-	3.5/5.5	40/150	25/>100
Tensile modulus of elasticity	ISO 527	Mpa	1250 - 1650	1350	3000/1000	9000/6000	3100/1100	3300/1300
Vicat B50	ISO 306	°C	143 - 151	140	196	215	238	238
Shore D hardness	ISO 868		67 - 72	73	82	86	84	90
Density	ISO 1183	kg/dm ³	1.02	1.01	1.13	1.36	1.14	1.18
Notched impact strength at 23 °C	ISO 179	kJ/m ²	6 - 12	6	14/60	15/30	5/20	13/17
Water absorption in normal climate	ISO 62	%	0.9	0.9	2.6	2.1	2.8	2.8
Water absorption in water storage	ISO 62	%	1.5	1.5	9.5	6.6	8.5	9.5
Where two values are given: 1 st value = dry 2 nd value = moist (50 %)								

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