

PROPERTIES	UNIT	VALUE
DENSITY	g/cm ³	1.15
TENSILE STRENGTH AT YIELD	N/mm ²	75
TENSILE STRAIN AT BREAK	%	>25
TENSILE MODULUS OF ELASTICITY	N/mm ²	3250
INDENTATION HARDNESS	N/mm ²	145
NOTCHED BAR IMPACT VALUE	KJ/mm ²	3.5 - 15
COMPRESSION TEST	N/mm ²	86
MELTING POINT	°C	220
APPLICATION TEMPERATURE (SHORT TIME)	°C	180
APPLICATION TEMPERATURE (PERMANENT)	°C	-40 TO 120
LINEAR EXPANSION FACTOR	10	78 - 80
WATER ABSORPTION AT STANDARD ATMOSPHERE 23/50	%	2.2

BRAND APPROVED:-

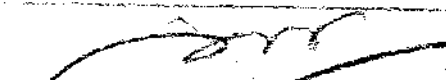
LAMIGAMID 310 OF G. Schwartz GmbH & CO. KG / GERMANY
METALON/NYLATRON GSM OF QUADRANT EPP SURLON.

SE	22/9/03
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MECHANICAL DEPARTMENT
E. RLY. JAMALPUR

SK. NO. JMP/CR- 148A/2002

TITLE :- PROPERTIES OF
CAST NYLON PA6G WITH
MOS₂ FOR 140T DHBD
GOTTWALD/JAMALPUR CRANE


CHIEF WORKS MANAGER
DATE:-