



A/351

10/06/2021

Invoice No: INV-2021/22-172

TEST CERTIFICATE NO: F/GEN/233/2021

To,
M/s. PARACOMP INDIA PRIVATE LIMITED
MUMBAI

TEST CERTIFICATE

We hereby certify the following results of your **Polyglide P10 Series Material Sample** vide your Email Enquiry dt : 26/05/2021 tested Physically, Mechanically & Chemically.

Sr. No.	Characteristics	Test Method	Measured Value	Unit
1	Hardness Rockwell	ASTM D 785	100	M Scale
2	Hardness	ASIM D 2240	78	Shore D
3	Density	ASTM D 792	1.31	g/cc
4	Water Swelling	ASTM D 570	0.07	%
5	Compressive Strength (Flat Wise)	ASTM D 695	300	MPa
6	Compressive Yield Strength (Flat Wise)	ASTM D 695	276	MPa
7	Compressive Strength (Edgewise Wise)	ASTM D 695	103	MPa
8	Compressive Yield Strength (Edgewise Wise)	ASTM D 695	90	MPa
9	Tensile Strength	ASTM D 638	77	MPa



10	Flexural Strength (Length Wise)	ASTM D 790	133	MPa
11	Flexural Strength (Cross Wise)	ASTM D 790	109	MPa
12	Impact Strength	ASTM D 256	45	KJ/m ²
13	Short-Beam Strength	ASTM D 2344	19	MPa
14	Coefficient of Thermal Expansion 50° C to 140° C By TMA	ASTM E 831	4.4 × 10 ⁻⁵ to 5.8 × 10 ⁻⁵	/Δ °F
15	Maximum Operating Temperature By Thermal Analysis By DSC	ASTM D 3418	153°C based on glass transition temperature of 173.34°C	°C

FOR FAN SERVICES

Parijat P. Bhase
M.S Materials Engg. (USA)
Technical Manager

This certificate shall not be reproduced, except in full, unless written permission from the CEO. Samples submitted by party. The results relate only to the samples tested.

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