

NHU – CXT series

Our CXT series (Transparent PA) has high transparency, very low water absorption and density, high strength, excellent dimensional stability and can maintain superior storage function in a low temperature environment.

Application	Test Method	CXT		
Grade		526	8113	9413
Charpy Notched Impact Strength (KJ/m ²)	ISO179	10	13	10
Charpy non-notched impact (KJ/m ²)	ISO179	25JNB	25JNB	25JNB
Tensile Strength (Mpa)	ISO527	60	60	70
Elongation at Break (%)	ISO52	160	150	160
Flexural strength (Mpa)	ISO178	68	70	76
flexurals moduls (Mpa)	ISO178	1650	1800	2000
Density (g/cm ²)	ISO1183	1.02	1.01	1.02
Heat distortion temperature (0.45 Mpa) (°C)	ISO175	125	135	155
Light transmittance (%)	-	92	92	92
Shore D hardness	ISO868	82	83	85

Final products will be affected by a wide variety of factors. The physical properties shown in the above table cannot fully guarantee to meet the conditions for customers during application, in which case this can be only used for reference.

Please refer to the relevant MSDS before using our products.

These property values recorded are the test results under lab conditions.

HRB Nr. 206633, Amtsgericht Lüneburg

NHU Performance Materials GmbH
Daimlerstr. 14 – 16
21357 Bardowick GERMANY

General Manager: Thomas Hoops

Tel.: +49 (0) 4131 28749 - 80

e-mail-address: info@nhu-pm.com