



NEW PRODUCTS INDUSTRIES CO.LTD.


JEDDAH , SAUDI ARABIA

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Established 1968

TECHNICAL DATA SHEET

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Product : Unplasticized Poly (vinyl chloride) COMPOUND INJECTION FITTING GRADE GREY		
Product Code :		Applications :
Material Cell Class : 12454 (as defined in ASTM D1784)		Injection of UPVC fittings suitable for potable water, pressure ,plumbing , drainage, electrical and HVAC systems . Suitable to produce UPVC fittings acc.to: IS10124, IS13953, IS7834, ISO 1452,-3, DIN 8063, ASTM D2466, ASTM D2665
Physical Form : Pellets		

Material Property	Value	Test Method
Base Resin	Poly(vinyl chloride (homopolymer), K57	-
Izod Impact Strength , min.	34.7 J / m. (0.65 ft. lb/ inch) of notch	ASTM D256
Tensile Strength , min.	48.3 Mpa (7000 psi)	ASTM D638
Modulus of Elasticity, min.	2758 Mpa (400,000 psi)	ASTM D638
Deflection Temperature , min under load 1.82 Mpa (264 psi)	70°C (158°F)	ASTM D648
Vicat Softening Temperature under load of 5.0 kg. , min.	80°C	ISO 2507
Flammability	Self-extinguishing	ASTM D635

IMPORTANT : *The technical data herein is believed to be accurate, and are values typical for Neproplast UPVC Compound injection fitting grade . The data is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product.*



NEPROPLAST is an ISO 9001:2015, ISO 45001:2018 , ISO 14001:2015 Company certified by Intertek

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