



NEW PRODUCTS INDUSTRIES CO.LTD.


JEDDAH , SAUDI ARABIA

1st Jeddah Industrial City Phase 3
sales@neproplast.com

Established 1968

TECHNICAL DATA SHEET

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Product : Unplasticized Poly (vinyl chloride) COMPOUND EXTRUSION PIPE GRADE GREY	
Product Code : Material Cell Class : 12454 (as defined in ASTM D1784) Physical Form : Powder	Applications : Extrusion of UPVC pipes suitable for potable water, pressure ,plumbing , drainage, electrical and HVAC systems . Suitable to produce UPVC pipes acc.to ; IS4985, ISO 1452,-2, DIN 8061/62

Material Property	Value	Test Method
Base Resin	Poly(vinyl chloride (homopolymer), K67	-
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 extrusion pipe 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

For Inquiries :

Contact : Neproplast Sales Dept. +966 12 627 8080, sales@neproplast.com