

DATA SHEETMATERIAL REFERENCE – FLUORINOID® FL 325DESCRIPTION VIRGIN PCTFEFORMULATION 100% PCTFETYPICAL APPLICATIONS

An engineering thermoplastic with good thermal stability, good chemical resistance, very good physical properties, optical transparency and capable of being used at low temperatures and under radiation conditions.

TYPICAL PHYSICAL PROPERTIES #

SPECIFIC GRAVITY	(H-WI-28)	2.08 – 2.18
TENSILE STRENGTH	(H-WI-28)	> 31 MPa
ELONGATION	(H-WI-28)	
Compression Moulded		> 20 %
Extruded Sections		> 90 %
COMPRESSIVE STRENGTH (ASTM D695)		
(@ 0.2% Offset) processed material		> 23 MPa
SHORE D HARDNESS	(ASTM D2240)	75 – 90
ZERO STRENGTH TIME (ASTM D1430)		
Compression moulded		>200seconds
Extruded sections		>100seconds
CONTINUOUS TEMPERATURE RANGE		-260°C to 150°C

H-WI-28 is an Internal Fluorocarbon Procedure for Testing Melt Processible Plastics

# These figures are typical values for the material and do not represent a product specification. Properties will vary depending on the source of raw material, method of processing, physical form of the product, direction of measurement etc.

Fluorinoid® is a registered trademark of Fluorocarbon Group