

Nemcon™ H PK DP110/X5

PEEK

Ovation Polymers

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	6250	MPa	ASTM D 638
Tensile Strength at Yield	75	MPa	ASTM D 638
Elongation at Break	2.5	%	ASTM D 638
Flexural Modulus	7050	MPa	ASTM D 790
Izod Impact notched, 1/8 in	32.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	206	°C	ASTM D 648
Glass Transition Temperature	150	°C	ASTM E 1356

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	8E12	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1520	kg/m ³	ASTM D 792

Characteristics**Chemical Resistance**

General Chemical Resistance

Regional Availability

North America

Applications

Electrical and Electronical