

**Applications:**

- Conduit Pipe
- Telecommunications Pipe
- Drip Irrigation Pipe

**Description**

HDPE CP4525 is a high performance copolymer designed for non-pressure applications. It has good long-term hoop strength performance and outstanding toughness even at low temperatures. Overall, it provides an excellent balance of stiffness, and process ability in conduit pipe applications.

Property*	Value	Unit	Method
Melt Index, Condition E, 190°C/2.16 kg (MI)	0.30	g/10min	ASTM D 1238
Condition F, 190°C/21.6 kg (HLMI)	20.0		
Density	0.948	g/cc	ASTM D 1505
Tensile at Break, 2 in./min, Type IV bar	25	MPa	ASTM D 638
Elongation at Break, 2 in./min, Type IV bar	>600	%	ASTM D 638
Flexural Modulus Tangent – 16:1 span:depth, 0.5 in/min	827	MPa	ASTM D 790
Environmental Stress Crack Resistance Condition B, 10% Igepal, F10	>96	h	ASTM D 1693
Condition C, 100% Igepal, F20	>192	h	
Brittleness Temperature	-115	°C	ASTM D 746
Hardness, Shore D		68	ASTM D 2240

\* Physical properties reported herein were determined on compression molded specimens prepared in accordance with Procedure C of ASTM D4703, Annex A1. The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.