



Densetec HDPE TredSafe : Typical Properties

PROPERTY*	TEST METHOD	ENGLISH		SI	
		Unit	Value	Unit	Value
Density	D1505	lbs/ft ³	60	g/cc	.955
Melt Index, Condition 190°C / 2.16 kg	D1238	g/10 min.	.25	g/10 min.	.25
ESCR, Condition A, F50 (100% Igepal CO-630)	D1693	h	45	h	45
ESCR, Condition B		35	35		
Tensile Strength @ Yield 2in (50mm) per min.	D638 Type4	psi	4,000	MPa	28
Ultimate Elongation @ Break 2in (50mm) per min.	D638 Type4	%	>600	%	>600
Brittleness Temperature	D746	°F	<-120	°C	<-84
Flexural Modulus	D790	psi	200,000	MPa	1378
Coef. of Linear Thermal Expansion	E831	in/in/°F	7x10 ⁻⁵		

ASTM Type, Class, Category	D1248	III, A, 5
Fire Rating	UL94HB	

**Physical properties reported herein were determined on compression molded specimens prepared in accordance with Procedure C of ASTM D1928.*

The nominal properties reported herein are typical of the product but do not reflect normal variance and therefore should not be used for specification purposes.