

TECHNICAL CHART

PE 100

COMMODITY : HDPE YGH041T

GRADE NO : YGH041T (PE 100)

Property	Typical Value	Units	Test Method
Density (Natural)	949	kg/m ³	ISO1183/ISO1872-2B
Density (Pigmented)	959	kg/m ³	ISO1183/ISO1872-2B
Melt Flow Rate (190° C, 2.16kg)	0.1	g/10 min	ISO1133
Melt Flow Rate (190° C, 5kg)	0.4	g/10 min	ISO1133
Carbon Black Content	2.3	%	ASTMD603
Tensile Strength	23	Mpa	ISO/DIS6259
Elongation at Break	> 600	%	ISO/DIS6259
Brittleness Temperature	< -70	° C	ASTMD746
Environmental Stree Crack Resistance (10%), F10	> 10000	h	ASTMD1693-A
Thermal Stability (210° C)	15	min	EN728