

Aspect HDPE PCR 111A

Availability	Global
Processing Method	Blow Molding
Description	100% Post-Consumer Recycled HDPE
Color	Natural

Physical	Nominal Value	Test Condition	Units	Test Method
Melt Flow Rate	0.10 ~ 0.64	(190° C/2.16 kg)	g/10min	ISO 1133
Density	0.93 ~ 0.94	-	g/cm3	-

Mechanical	Nominal Value	Test Condition	Units	Test Method
Tensile Strength	>25	50 mm/min	Mpa	ISO 527
Break Strain	>30	50mm/min	%	ISO 527
Flexural Strength	>15	2 mm/min	MPa	ISO 178
Flexural Modulus	>600	2 mm/min	MPa	ISO 178
Izod Impact Strength	>20	23°C	KJ/M ²	ISO 180

Thermal	Nominal Value	Test Condition	Units	Test Method
Heat Deflection Temperature (HDT)	>40	1.82 Mpa, 120°C/hr	°C	ISO 75



These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.