

GRADE	EHDI-LG0495
제품	HDPE
COLOR	LIGHT GREEN

물성항목	규격	단위	값	조건
------	----	----	---	----

Physical

용융지수 (MI)	ASTM	g/10min	4	ASTM D1238 (PE : 190°C, 2.16 kg)
밀도 (Density)	ASTM	g/cm³	0.95	ASTM

Mechanical

인장강도 (Tensile Strength)	ASTM	Mpa	25	ASTM D638 (Thickness : 3.2mm Specimen Type 1 Test Speed : 500mm/min)
연신율 (Elongation at break)	ASTM	%	250	
굴곡탄성률 (Flexural Modulus)	ASTM	Mpa	1100	ASTM D790 (Thickness : 3.2mm Test Speed : 1.6mm/min Gauge Lenth : 50mm)
굴곡강도 (Flexural Strength)	ASTM	Mpa	30	
izod 충격강도 (Impact Strength at 23°C)	ASTM	J/m	50	ASTM D256 (23°C, Thickness : 6.4mm)

Thermal

회분율 (Ash)	ASTM	%	1	ASTM E1131 (20°C/min, at 800°C)
--------------	------	---	---	------------------------------------