



Datasheet HDPE postconsumer regrind

Test description		
MFI (2,16 kg @ 190°C)	0,5	g/10 min
MFI (5,0 kg @ 190 °C)	2,5 – 3,0	g/10 min
Composition		
IR analysis	HDPE	Passed
Thermal analysis		
DSC (10K/min)	132	°C melting point
	121	°C crystallization
Amount PP found: <1%		
Mechanical analysis		
IZOD (notched) impact strength	6	kJ/m ²
E-modulus (conform ISO527-2 5A)	400	MPa
Yield strain	15	%
Yield stress	23	MPa
Strain at break	200 – 400	%