

NOVAORBIS™-MR for Injection Molding -Development Grade LX700MR1-

Property	Unit	Test Method	NOVAORBIS™-MR Development Grade	Ref. NOVATEC™ HD
			LX700MR1	HJ381
Recycled Material* Content	wt%	—	50	0
Melt Flow Rate	g/10min	ISO 1872-2	12	11
Density	g/cm ³	ISO 1872-1,2	0.948	0.951
Flexural Modulus	MPa	ISO 1872-2	760	850
Nominal Tensile strain at Break	%	ISO 1872-2	130	170
Charpy Impact Strength	kJ/m ²	ISO 1872-2	3	3
Vicat Softening Temperature	°C	ISO 306	111	118
Spiral Flow@90MPa	cm	JPE Method	60	44
Key Features			•Contains recycled material •Excellent injection moldability (Equivalent moldability to a resin with MFR ≈ 30)	•Similar MFR and density to LX700MR1 •General-purpose HDPE for injection molding

*Recycled material: White PCR derived from HDPE closures for PET bottles

•The information on this document shows typical properties and characteristics only and is intended as guide, not as specifications.