

NuPET™ 2411

Product Description

NuPET resins offer nucleation and control of crystallization in PET formulations.

General

Material Status:	Commercial: Active
Availability:	Globally
Features:	Semi Crystallinity/Low Velocity
Uses:	Multiple
Processing Method:	Injection Molding, Extrusion, Blown Film, Compounding, Thermoforming

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cc	ISO 1183
Molding Shrinkage	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	343,449	psi	ASTM D638
Tensile Strength	8,541	psi	ASTM D638
Flexural Modulus	367,611	psi	ASTM D790
Elongation @ Break	111	%	ASTM D638
DTUL @ 1,820 kPa	71	°C	ASTM D648
Impact	Nominal Value	Unit	Test Method
Notched Izod (RT)	0.82	Ft-Lb./In.	ASTM D256
Notched Izod (-40°C)	0.57	Ft-Lb./In.	ASTM D256
Rheological	Nominal Value	Unit	Test Method
Melt Index	0.60	g/10 min.	285°C, 3.8 kg., 0.040" Orifice
Melt Velocity	61	poise	190°C, 100 sec ⁻¹

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