

Hytrel® HTR8351 NC021

THERMOPLASTIC POLYESTER ELASTOMER

DuPont Performance Polymers

Message:

30 Shore D, Easy-to-Strip, UV Stabilized, Polyester Elastomer with Non-discoloring Stabilizer Developed for Extrusion

General Information			
Additive	UV Stabilizer		
Part Marking Code (ISO 11469)	>TPC-ET<		
Resin ID (ISO 1043)	TPC-ET		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	0.50	%	
Flow	0.70	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 15 sec)	21		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17.0	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Break	9.00	MPa	
5.0% Strain	1.10	MPa	
10% Strain	2.10	MPa	
50% Strain	5.30	MPa	
Tensile Strain (Break)	210	%	ISO 527-2
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Across Flow	54	kN/m	ISO 34-1
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	160	°C	ISO 11357-3
NOTE			
1.	10°C/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

