

# REPOL® T080EY

High Melt Strength Polypropylene

Reliance Industries Limited

## Message:

REPOL Polypropylene T080EY is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol T080EY is recommended for use in TQ (Tubular water Quench) and Cast Film. It contains slip and antiblock additives. Repol T080EY is an ideal material for textile overwraps, packaging of readymade garments, snack food, grocery and general purpose packaging.

General Information	
Additive	Antiblock Slip
Features	Antiblocking Good Melt Strength Good Tear Strength High Clarity High Gloss Low Temperature Heat Sealability Slip Soft Terpolymer
Uses	Food Packaging Packaging
Forms	Pellets
Processing Method	Cast Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	25.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	900	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	55	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648

NOTE	
1.	Type I, 50 mm/min
2.	Type I, 50 mm/min
3.	Type I

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