

TDS of Zelas™ MC787AP

Item	Method	Unit	Value
MFR(230°C,21.2N)	Refer to ISO 1133-1	g/10min	3
Density	Refer to ISO 1183-1	g/cm ³	0.89
Hardness (Durometer A)	Refer to ISO 868	—	74
YI (pellet)	Refer to ISO 17223	—	−1
Melting Peak Temperature	DSC method	°C	157

*The listed properties are represented as general information only and are not product specifications.

TDS of HydroMed™ D640

Mitsubishi Chemical Corporation
TPE-C Group, TPE Laboratory, CPD Technology (Japan) Center
Polymer Compounds Technology Development Department
July. 7th 2026



Item		Unit	Value
Water uptake	Linear expansion	%	100
	Water content ≠ Water absorption	%	90
Lubricity when hydrated	Coefficient of friction	—	~0.1
Hydrophilicity	Water Contact Angle	°	60-70

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Compliant Standards and Tests

	Grade	Standard of Plastic Materials of Construction Ref: USP 661.1	Standard of Materials used for the manufacture of containers Ref: EP 3.1.6	Cytotoxicity Ref: ISO10993-5 /USP<87>
Resin	MC787AP	Under Testing	Under Testing	✓
Coating	ASB HydroMed™ D640	Not yet done	Not yet done	✓

These were conducted on one lot and the results are not guaranteed.