RTP 1200-65D TFE 10

Thermoplastic Polyurethane Elastomer (Polyester)

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue' The data for this material has not been recently verified. Please contact RTP Company for current information prior to specifying this grade. -Preliminary Product Data per RTP Co.-

pecific Gravity1.28g/cm³ASTfolding Shrinkage - Flow (3.18 mm)1.0%ASTlardnessNominal ValueUnitTesrurometer Hardness (Shore D)65ASTfechanicalNominal ValueUnitTesensile Modulus276MPaASTlexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTeslotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	: Method M D792 M D955 : Method
eatures Lubrication Contact manufacturer Contact manufacturer Black Black Natural color Particle Injection molding Injection molding Injection molding Injection molding Injection molding Infection Mominal Value Infection Infection Information Inf	M D792 M D955
oHS Compliance Contact manufacturer ppearance Black Natural color orms Particle rocessing Method Injection molding hysical Nominal Value Unit folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 Mit Tes folding Shrinkage - Flow (3.18 mm) 1.0 Mit Tes folding Shrinkage - Flow (3.18 mm) 1.0 Mit Tes folding Shrinkage - Flow (3.18 mm) 2.76 MPa AST folding Strength 9.65 MPa AST folded Izod Impact (3.18 mm) 640 J/m AST folded Izod Impact (3.18 mm) 1100 J/m AST	M D792 M D955
ppearance Black Natural color orms Particle rocessing Method Injection molding hysical Nominal Value Unit pecific Gravity 1.28 g/cm³ AST tolding Shrinkage - Flow (3.18 mm) 1.0 % AST tormeter Hardness Nominal Value Unit Test turometer Hardness (Shore D) 65 AST techanical Nominal Value Unit Test ensile Modulus 276 MPa AST lexural Modulus 276 MPa AST npact Nominal Value Unit Test lexural Strength 9.65 MPa AST npact Nominal Value Init Test lotched Izod Impact (3.18 mm) 1100 J/m AST	M D792 M D955
Natural color particle rocessing Method Injection molding hysical Nominal Value Unit Tes pecific Gravity 1.28 g/cm³ AST tolding Shrinkage - Flow (3.18 mm) 1.0 % AST tolding Shrinkage - Flow (3.18 mm) 1.0 % AST torometer Hardness (Shore D) 65 Sc AST techanical Nominal Value Unit Tes ensile Modulus 276 MPa AST texural Modulus 276 MPa AST pact 9.65 MPa AST texural Strength 9.65 MPa AST totched Izod Impact (3.18 mm) 100 J/m AST	M D792 M D955
orms Particle rocessing Method Injection molding hysical Nominal Value Unit Tes pecific Gravity 1.28 g/cm³ AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST fordness Nominal Value Unit Tes furometer Hardness (Shore D) 65 AST fechanical Nominal Value Unit Tes ensile Modulus 276 MPa AST lexural Modulus 276 MPa AST lexural Strength 9.65 MPa AST inpact Nominal Value Unit Tes lotched Izod Impact (3.18 mm) 640 J/m AST	M D792 M D955
rocessing Method Injection molding hysical Nominal Value Unit Tes pecific Gravity 1.28 (g/cm³ AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST lardness Nominal Value Unit Tes purometer Hardness (Shore D) 65 . AST Mechanical Nominal Value Unit Tes ensile Modulus 276 MPa AST lexural Modulus 276 MPa AST lexural Strength 10.3 MPa AST lexural Strength 9.65 MPa AST lexural Strength 9.65 MPa AST totched Izod Impact (3.18 mm) 640 J/m AST innotched Izod Impact (3.18 mm) 1100 J/m	M D792 M D955
rocessing Method Injection molding hysical Nominal Value Unit Tes pecific Gravity 1.28 (g/cm³ AST folding Shrinkage - Flow (3.18 mm) 1.0 % AST lardness Nominal Value Unit Tes purometer Hardness (Shore D) 65 . AST Mechanical Nominal Value Unit Tes ensile Modulus 276 MPa AST lexural Modulus 276 MPa AST lexural Strength 10.3 MPa AST lexural Strength 9.65 MPa AST lexural Strength 9.65 MPa AST totched Izod Impact (3.18 mm) 640 J/m AST innotched Izod Impact (3.18 mm) 1100 J/m	M D792 M D955
hysicalNominal ValueUnitTespecific Gravity1.28g/cm³ASTtolding Shrinkage - Flow (3.18 mm)1.0%ASTlardnessNominal ValueUnitTesburometer Hardness (Shore D)65ASTtechanicalNominal ValueUnitTesensile Modulus276MPaASTlexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTeslotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	M D792 M D955
pecific Gravity1.28g/cm³ASTtolding Shrinkage - Flow (3.18 mm)1.0%ASTtardnessNominal ValueUnitTesturometer Hardness (Shore D)65ASTtechanicalNominal ValueUnitTesensile Modulus276MPaASTtexural Modulus276MPaASTtexural Strength9.65MPaASTnpactNominal ValueUnitTestoched Izod Impact (3.18 mm)640J/mASTinnotched Izod Impact (3.18 mm)1100J/mAST	M D792 M D955
Molding Shrinkage - Flow (3.18 mm) 1.0 % AST Mardness Nominal Value Unit Tes Nurometer Hardness (Shore D) 65 AST Mechanical Nominal Value Unit Tes Mechanical Nominal Value Unit Tes ensile Modulus 276 MPa AST ensile Strength 10.3 MPa AST lexural Modulus 276 MPa AST lexural Strength 9.65 MPa AST npact Nominal Value Unit Tes lotched Izod Impact (3.18 mm) 640 J/m AST Innotched Izod Impact (3.18 mm) 1100 J/m AST	M D955
lardnessNominal ValueUnitTesturometer Hardness (Shore D)65ASTMechanicalNominal ValueUnitTestensile Modulus276MPaASTensile Strength10.3MPaASTlexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTnontched Izod Impact (3.18 mm)1100J/mAST	
Purometer Hardness (Shore D) 65 AST Mechanical Nominal Value Unit Tess ensile Modulus 276 MPa AST ensile Strength 10.3 MPa AST lexural Modulus 276 MPa AST lexural Modulus 276 MPa AST lexural Modulus 276 MPa AST lexural Modulus 9.65 MPa AST npact Nominal Value Unit Tess lotched Izod Impact (3.18 mm) 640 J/m AST Innotched Izod Impact (3.18 mm) 1100 J/m AST	Method
MechanicalNominal ValueUnitTestensile Modulus276MPaASTensile Strength10.3MPaASTlexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	
ensile Modulus 276 MPa AST ensile Strength 10.3 MPa AST lexural Modulus 276 MPa AST lexural Strength 9.65 MPa AST npact Nominal Value Unit Tes lotched Izod Impact (3.18 mm) 640 J/m AST	M D2240
ensile Strength10.3MPaASTlexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTnnotched Izod Impact (3.18 mm)1100J/mAST	Method
lexural Modulus276MPaASTlexural Strength9.65MPaASTnpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	M D638
lexural Strength9.65MPaASTnpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	M D638
NpactNominal ValueUnitTestlotched Izod Impact (3.18 mm)640J/mASTInnotched Izod Impact (3.18 mm)1100J/mAST	M D790
lotched Izod Impact (3.18 mm) 640 J/m AST Innotched Izod Impact (3.18 mm) 1100 J/m AST	M D790
Innotched Izod Impact (3.18 mm) 1100 J/m AST	Method
	M D256
	M D4812
lectrical Nominal Value Unit Tes	Method
olume Resistivity 1.0E+11 ohms · cm AST	M D257
lammability Nominal Value Unit Tes	Method
lame Rating (1.59 mm, Values per RTP	
ompany testing.) HB ULS	4
10ld Shrinkage, Linear-Flow, ASTM D-955, 0.25in.: 15mil/in.	
njection Nominal Value Unit	
ear Temperature 182 - 218 °C	
Number of the second	

Front Temperature	182 - 218	°C	
Mold Temperature	15.6 - 65.6	°C	
Injection Pressure	68.9 - 103	MPa	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

