

Thermoplastic polyurethanes --TPU



HUADA® HD-E295I3

TDS

• Features

good fluidity, fast forming, easy demold, less fisheye

• Applications

phone and pad cases, footwear, injection parts, etc.

• DATAS

Properties	unit	standard	result
Hardness	Shore A/D	ASTM D2240	95A
Density	g/cm ³	ASTM D792	1.20
100% Modulus	Mpa	ASTM D412	12
300% Modulus	Mpa	ASTM D412	22
Tensile Strength	Mpa	ASTM D412	40
Elongation at break	%	ASTM D412	400
Tear Strength	N/mm	ASTM D624	150
Continunous UseTemperature	°C		-20-90

Note:The above values are shown as typical values and should not be used as specifications.

Packaging: **25 Kg/bag & pellets**

• material preparations

Prior to processing, HD-E295I3 must be dried at 90-100°C for 3-4 hours depending on the applied processing technique,the maximum moisture level should be 300ppm

injection moulding guide

Item	Temperature
nozzle (°C)	195
metering zone (°C)	205
compression zone (°C)	200
feed zone (°C)	195
injection pressure (kg)	80

Extrusion moulding guide

Item	Temperatur
bush die (°C)	200
connector (°C)	205
metering zone (°C)	200
compression zone (°C)	195
feed zone (kg)	190

•Environmental safety and storage

Reference to **MSDS**;TPU products should be well stored in a dry,cool, and shady area.



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