

Technical Data Sheet

• Features

Excellent mechanical properties, Fast cycling, Cold temperature flexibility, Good demolding properties.

• Applications

Protective smartphone & pad (jelly) cases, Footwear etc.

• Properties

Physical Properties	Unit	Test Method	Value
Hardness	Shore A	ASTM D2240	92
Specific Gravity	g/cm ³	ASTM D792	1.19
100% Modulus	MPa	ASTM D412	8
300% Modulus	MPa	ASTM D412	17
Tensile Strength	MPa	ASTM D412	30
Ultimate Elongation	%	ASTM D412	400
Tear Strength	N/mm	ASTM D624	100

Note: The above values are shown as typical values and should not be used as specifications. Package: 25kg/bag & pellets.

• Material Preparation

Prior to processing, HD-2690A1 must be dried at 90-100°C for 3-4 hours.

Injection Molding Guide

Item	Parameter
Nozzle (°C)	205
Metering Zone (°C)	200
Compression Zone (°C)	195
Feeding Zone (°C)	190
Injection Pressure (kg)	85

• HSE Information

Please take MSDS for reference.



SHANGDONG HUADA CHEMICAL NEW MATERIAL CO., LTD.

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