

# Ecothane<sup>®</sup> HD-2190A1



## Technical Data Sheet

### • Features

Excellent mechanical properties, Fast cycling, Good demolding properties, High transparency.

### • Applications

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

### • Properties

Physical Properties	Unit	Test Method	Value
Hardness	Shore A	ASTM D2240	93
Specific Gravity	g/cm <sup>3</sup>	ASTM D792	1.19
100% Modulus	MPa	ASTM D412	10
300% Modulus	MPa	ASTM D412	20
Tensile Strength	MPa	ASTM D412	35
Ultimate Elongation	%	ASTM D412	400
Tear Strength	N/mm	ASTM D624	120

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-2190A1 must be dried at 90-100°C for 3-4 hours.

### Injection Molding Guide

Item	Parameter
Nozzle (°C)	200
Metering Zone (°C)	195
Compression Zone (°C)	190
Feeding Zone (°C)	185
Injection Pressure (kg)	80

### • HSE Information

Please take MSDS for reference.



SHANGDONG HUADA CHEMICAL NEW MATERIAL CO., LTD.

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