ACRYLONITRILE BUTADIENE STYRENE · GENERAL PURPOSE

ABS HJ15A

A balanced, general-purpose ABS grade engineered for injection-molded housings and structural components. Combines good rigidity, surface finish and impact strength for everyday electrical, automotive and consumer-product applications.

- General Purpose
- Injection Molding
- Supplier: Shandong Haijiang

MATERIAL OVERVIEW

COMMERCIAL STATUS Available	FEATURE General Purpose
TYPICAL USES Electrical fittings · Automotive parts · Consumer goods	PROCESSING METHOD Injection Molding
FORM Pellets	

TYPICAL APPLICATIONS

- Home-appliance housings
- Office equipment (OA)
- Interior trim parts
- Automotive components
- Consumer goods

TECHNICAL PROPERTIES

PHYSICAL PROPERTIES

PROPERTY	TEST CONDITION	VALUE	UNIT	TEST METHOD
Melt Flow Rate (MFR)	220 °C / 10 kg	**24**	g/10 min	ASTM D1238
Density	—	**1.05**	g/cm³	ASTM D792

MECHANICAL PROPERTIES

PROPERTY	TEST CONDITION	VALUE	UNIT	TEST METHOD
Rockwell Hardness	—	**108**	R-scale	ASTM D785
Tensile Strength	—	**46**	MPa	ASTM D638
Flexural Strength	—	**61**	MPa	ASTM D790
Flexural Modulus	—	**2,049**	MPa	ASTM D790
Izod Impact Strength (notched)	—	**23**	kJ/m²	ASTM D256

THERMAL PROPERTIES

PROPERTY	TEST CONDITION	VALUE	UNIT	TEST METHOD
Heat Deflection Temperature	—	**81**	°C	ASTM D648

WL Plastics — Injection Molding Solutions

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FACTORY · Ningbo, Zhejiang, China
SPECIALTY · Dental consumables · Medical & industrial gas-control components

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