

ABS HA-714

Acrylonitrile-Butadiene-Styrene Technical Datasheet



Features

- natural color
- light weight, easy processing
- ideal surface finish
- electrical insulation

End uses

- toys
- electronics and electrical appliances
- household appliances components
- miscellaneous goods

Compliant to

- EU REACH

Specifications

Property	Unit	Specification	Test Condition	Result	Test Method
Spot Stains on Plastic Sheet	/10 kg	≤16	/	1	Q/HLSH102-2023
Large and Small Granule	g/kg	≤5	/	0.00	SH/T1541.1-2019
Melt Mass-Flow Rate	g/10min	20.0~23.0	220°C x 10kg	22	GB/T3682.1-2018
Tensile Stress at Yield	MPa	≥42	23°C, 15mm/min	43.0	GB/T1040.2-2022
Flexural Modulus	MPa	≥2000	23°C, 15mm/min	2306	GB/T9341-2008
Flexural Strength	MPa	≥65	23°C, 15mm/min	69	GB/T9341-2008
Izod Impact Strength	KJ/m ²	≥14	23°C, 1/4"	21	GB/T1843-2008
Vicat Softening Temperature	°C	≥95	10 N, 50±5°C/h	96	GB/T1633-2000
Rockwell Hardness (R-Scale)	/	≥101	23°C	108	GB/T3398.2-2008
Conclusion	Qualified				

- All tests were run under laboratory conditions. The data are intended as a general guide only.
- MSDS is available upon request.



HENGLI

Hengli Energy & Chemical (Shanghai)
www.hengli.com