

## Technical Data Sheet

### PC/ABS-AP26

Polycarbonate/Acrylonitrile - Butadiene - Styrene Alloy

## Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

#### Product Description

PC/ABS-AP26-B is an alloy with good mechanical properties and high impact resistance. This product is used in automotive applications, electronic devices and other utility products. This grade is designed to be processed in conventional injection molding process.

#### General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Injection molding
Color	•Natural

Physical Properties	Value	Unit	Test Method
Melt Mass-flow Rate (MFR) (260°C/5 Kg)	18	gr/10 min	ASTM D1238
Shrinkage	....	%	Internal
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@Yield	50	MPa	ISO 527
Elongation @ Break	...	%	ISO 527
Flexural Modulus	2100	MPa	ASTM D790
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	35	kJ/m <sup>2</sup>	ISO 180
Notched charpy Impact (23°C)	....	kJ/m <sup>2</sup>	ISO 179
Hardness	Value	Unit	Test Method
Durometer Hardness	...	Shore D	ASTM D2240

◆ Values shown are average & are not to be considered as product specifications.

Web-site: [www.npolymer.com](http://www.npolymer.com)  
Address: Abbas abad Industrial Zone-Tehran-Iran

E-mail: [Sales@npolymer.com](mailto:Sales@npolymer.com), [Trade@npolymer.com](mailto:Trade@npolymer.com)  
Tel & Fax: (+9821)35000234