

## Valox\* Resin IQ2205HV

Americas: DEVELOPMENTAL

Environmentally sustainable Valox iQ\* PBT-ionomer resin for the fibers market. Available in natural color (1001) for use in extrusion/compounding operations. This resin is primarily used as an additive for nylon fibers to enhance cationic dyeability.

### Property

TYPICAL PROPERTIES <sup>(1)</sup>			
PHYSICAL	Value	Unit	Standard
Intrinsic Viscosity	0.42 - 0.52	g/dl	SABIC Method
Acid Endgroup Number	50 - 180	meq/kg	SABIC Method

Source GMD, last updated:10/23/2008

### Processing

Parameter	Value	Unit
Injection Molding		
Drying Temperature	115 - 120	°C
Drying Time	3 - 4	hrs
Melt Temperature	250 - 265	°C

Source GMD, last updated:10/23/2008

THESE PROPERTY VALUES ARE NOT INTENDED FOR SPECIFICATION PURPOSES.

PLEASE CHECK WITH YOUR [\(LOCAL SALES OFFICE\)](#) FOR AVAILABILITY IN YOUR REGION

(1) Typical values only. Variations within normal tolerances are possible for various colors. All values are measured after at least 48 hours storage at 23°C/50% relative humidity. All properties, except the melt volume and melt flow rates, are measured on injection molded samples. All samples tested under ISO test standards are prepared according to ISO 294.

(2) Only typical data for selection purposes. Not to be used for part or tool design.

(3) This rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

(4) Internal measurements according to UL standards.

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