

● BISPHENOL-A

TU 2423-172-00203335-2007, rev. 1-4

Production method: Bisphenol A is obtained through condensation of phenol and acetone in the presence of catalyst.

Application: It is intended for the production of polycarbonates, polysulfones, epoxy resins, lacquers, adhesives and other products.

Bisphenol A is produced in following grades: VCh, AP, A, B and V. Grades VCh and AP are intended for the production of optical molding and extrusion polycarbonate; Grade A is used for the production of molding and extrusion polycarbonates, as well as extra grade polysulfones and epoxy resins; Grade B is designed for the production of epoxy resins and lacquers; Grade V of 1st quality is intended for the manufacture of epoxy resins, lacquers, adhesives and other products; Grade V of 2nd quality is intended for the production of epoxy resins, adhesives and other products.

No.	Parameter	VCh	AP	A	B	V
1	Appearance	Bulk product in the form of pellets	Bulk product in the form of pellets	Bulk product in the form of crystals, prills or flake		
2	Freezing point, °C, min.	156.7	156.6	156.5	156.4	155.0
3	Melt chromaticity by platinum-cobalt scale, max. 20	20	40	40	Not rated	
4	Residue weight fraction upon ignition, %, max.	0.0005	0.0005	0.002	0.005	0.005
5	Weight fraction of Iron, %, max.	0.00005	0.00005	0.0001	0.0005	0.0002
6	Weight fraction of main substance, %, min.	99.9	99.8	Not rated		
Weight fraction of impurities:						
7	Weight fraction of phenol, %, max.	0.002	0.005	0.02	0.05	0.06
8	Weight fraction of 2,4-isomer, %, max.	0.08	0.08	Not rated		
9	Weight fraction of thrisphenol, %, max.	0.017	0.04	Not rated		
10	Weight fraction of chroman, %, max.	0.001	Not rated			
11	Weight fraction of water, %, max.	0.08	0.08	0.2	0.2	0.2

Packaging, handling and storage is in disposable PP soft bags with polyethylene liner, in disposable PP soft bags with protective coating (laminated etc.) without PE liner in comply with documentation, approved under the appropriate procedure, including those related to import. Bisphenol-A weight in bag is (500±2.5) kg, (750±3.75) kg or (1000±5) kg or (1000±15) kg. Bisphenol-A is delivered by railway and road truck roofed transport in accordance with transport regulations, valid for related mode of transport. Bags and containers with Bisphenol-A are stored in dry covered storage facilities away from open fire sources.



Bisphenol-A (Diphenilopropane) is a winner of "100 Best Goods of Russia 2008" and "Best Goods in the Republic of Tatarstan 2008" Contests.