

BHS Marketing

Western Briquette

Adipic Acid

General Description: Adipic acid is a pure crystalline, white, free-flowing powder that exhibits typical carboxyl group chemistry to a variety of producers serving many applications. leading

Applications:

- Adhesives
- Coatings: alkyd, urethane, gel coat, polyester
- Food acidulant (meets FDA regulation 21 CFR 184.1009)
- Nylon 66: fibers engineering resins, films, monofilaments.
- pH buffer: water soluble polymers, flue gas desulfurization
- Ester plasticizers, monomeric, polymeric
- Synthetic ester lubricants, hydraulic-fluids
- Textile treatment
- Urethane foams, elastomers, coating, adhesives, fibers
- Unsaturated polyester resins
- Wet Strength paper resins, polyamide-epichlorohydrin type
- Copolyamide adhesive, resins, films, binders
- Intermediate: cyclopentanone, dimethylsebacate, adipic

polyanhydride

Specifications:

Personal care, emollient		
Assay, wt% min.	99.7	
Water, wt% max.	0.02	
Ash, ppm, max.	2.0	
Iron, as Fe, ppm, max.		0.5
Methanol Solution Color (APHA), max	6	
Total Nitrogen		
mpm (moles per million moles)	15	
ppm, max		1.5

General Information:

Cas Name	Hexanedioic Acid	
Cas Number	124-04-9	
Formula	$C_6H_{10}O_2$	
Molecular weight	146.14	
Melting point	152-153, Deg C	
Density		
solid	1.360	
liquid	1.093	
Bulk Density	40-45	
Melt Viscosity		
160 Deg C	4.54	
193 Deg C	2.64	
Specific Heat	cal/g deg C	Kal/kg Deg K
Solid	0.38	1.59
liquid	0.54	2.26