

## **TECHNICAL DATA SHEET**

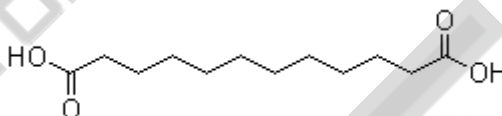
**NAME OF COMMODITY: DODECANEDIOIC ACID (DDDA)**

**CAS NO.:** 693-23-2

**MOLECULAR FORMULA:** C<sub>12</sub>H<sub>22</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 230.3

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	White Powder
Total Acid %	99.0 Min
Dodecanedioic Acid %	98.5 Min
Melting point °C	128.5~131.0
Water %	0.4 Max
Iron (ppm)	3 Max
Ash (ppm)	30 Max
(440nm/550nm) (%)	96/98

### **APPLICATIONS:**

Mainly used in engineering plastics and is the primary content of Nylon 1212, Nylon 612, and Nylon 1012. DDDA is an intermediate of aromatic components used in top-grade lubricants, antiseptics and as a component of premium grade automobile paints.

**PACKING:** net 500kg bags; 15mt/20'fcl palletized