



## **TECHNICAL DATA SHEET**

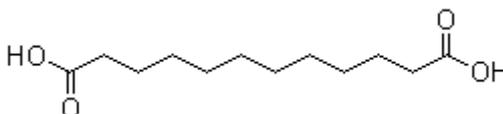
**NAME OF COMMODITY: DODECANEDIOIC ACID (DDDA)**

**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:**



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