



PRODUCT: DP-316

TECHNICAL DATA SHEET:

DYNAMIC POLYMERS DP-316 IS A HARD, HIGH DENSITY OXIDIZED POLYETHYLENE DESIGNED FOR MULTIFUNCTIONAL USE IN SEVERAL INDUSTRIES. DP-316 HAS A HIGHER DROP POINT AND A HIGHER ACID VALUE MAKING IT EMULSIFIABLE IN AQUEOUS SYSTEMS. DP-316 PROVIDES SUPERIOR END OF USE PROPERTIES INCLUDING:

- **EXCELLENT MAR AND ABRASION RESISTANCE**
- **EXCELLENT MELT AND FLOW CHARACTERISTICS IN PVC**
- **EMULSIFIABLE IN AQUEOUS SYSTEMS**

PROPERTIES	RANGE
SOFTENING POINT (R&B)	128-129 DEG C
ACID NUMBER (ASTM D 1386 MG KOH/G)	16 - 18
PENETRATION @ 23 DEG C (DMM)	<0.5
DENSITY (@ 23 DEG C)	>0.96
DSC MELT PEAK	136 - 138 DEG C
GRANULATION	PASS 20 MESH
COLOR	WHITE/OFF WHITE

END USE/MARKETS:

- **COATINGS**
- **PVC/PLASTICS**
- **TEXTILES**
- **POLISHES**

STANDARD PACKAGING:

DP-316 IS PACKAGED IN 20 KG BAGS/BULK BAGS AS REQUESTED

This information corresponds to the present state of our knowledge and is intended as a general description of the product and its possible application. Dynamic Polymers makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Dynamic Polymers products for its own particular application.