

# AKSAD GROUP PETROCHEM

## HD3840

HD3840UA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as rotational moulding applications.

HD3840UA has the following characteristics

good impact strength,easy to demould,uv stabilised,good whiteness,excellent surface finish.

This grade has food contact approval.

### Applications

general purpose rotomolded items,septic tanks,recycling banks

Properties	Value	Unit	Method
MELT FLOW INDEX(2.16KG)	4	g/10min	ASTM D-1238
DENSITY	0.938	gr/cm3	ASTM D-1505
YELLOWNESS INDEX	-1	-	ASTM E-313
WHITENESS INDEX	60	-	ASTM E-313
CONTAMINATION	5	NO	BP137
VICAT SOFTENING POINT	115	°C	ASTM D-1525
TENSILE STRESS AT YEILD	15	MPA	ASTM D-638
ELONGATION AT BREAK	900	%	ASTM D-638
ESCR(IGEPAL10% F50,23°C)	350	HR	ASTM D-1693
CHARPY IMPACT	18	KJ/M2	ASTM D-6110

\*All above mentioned data are typical values and not to be construed as real specifications.Users should confirm results by their own tests.For more information about guaranteed items, please refer to S.S.S.(Standard Sales Specifications)

\*\*\* HD3840UA falls into the density range of MDPE.However, in order to observing the nomenclature procedure of PE plant licensor (INEOS),this grade is designated as HDPE; while it can be introduced as MD3840UA as well