Honeywell | Research Chemicals

Honeywell Performance Materials and Technologies has developed processes and technology that enable production of approximately 60% of the world's gasoline, so it is no surprise that our customers asked us to expand the Research Chemical portfolio of high-purity solvents to include Primary Reference Fuels (PRF).

Primary Reference Fuels

We have been a respected pioneer in solvents, inorganics, and other essential chemicals for over 200 years.

Octane number, the principal performance characteristic of gasoline, is determined through use of certified PRF fuels and a Cooperative Fuel Research (CFR) engine under controlled test conditions. Our PRF fuels are used in both research and analytical applications to provide outstanding results. Our history has influenced our growth as a company and our scientists and engineers build upon that heritage every day by developing products designed to meet the exacting specifications of a wide variety of different applications.

Quality

Product specifications are achieved through careful material selection and processing.

All PRF fuels in our portfolio undergo thorough quality control testing to ensure each lot conforms to the specifications defined in ASTM D2699 for Motor Octane Number (MON) and ASTM 2700 for Research Octane Number (RON). The results of this testing are summarized in a lot-specific Certificate of Analysis.

Consistency

You can depend upon our products working the first time and every time.

Our ISO 9001 and 14001 certified research and manufacturing facility located in Muskegon, Michigan benefits from the Honeywell Operating System, a comprehensive and integrated manufacturing approach based on Six Sigma and Lean Manufacturing methodologies, ensuring unparalleled batch-to-batch consistency.

Certified

Honeywell certifies that these products meet the requirements as defined in ASTM D2699 and D2700.

A precision study was conducted and samples were sent to Honeywell UOP's research lab as well as five respected independent third party laboratories. The data was compiled and run through a two sample t-test in Minitab®, with the results indicating there was no statistical difference between the lots sampled at the 95% confidence interval. The results are on file with the ASTM D02.01.0E committee.

VWR® | vwr.com
We Enable Science

Product Number	Product Description	Package Info
BJRS362-19	Iso-octane	19L Can
BJRS362-204	Iso-octane	204L Drum
BJRS347-19	Toluene	19L Can
BJRS347-204	Toluene	204L Drum
BJRS210-19	n-Heptane	19L Can
BJRS210-204	n-Heptane	204L Drum
BJRS2175-19	80 Octane Blend	19L Can
BJRS2175-204	80 Octane Blend	204L Drum

Availability & Packaging Options

Honeywell, your trusted partner.

We hold strategic quantities of PRF inventory based upon forecasted demand. The PRF fuels are available in 55 gallon (204L) drums and 5 gallon (19L) cans.

We invite customers to contact our in-house technical experts to discuss custom blends of PRF fuels as well as special packaging requirements.

Honeywell

1016 Lit. No. 081850W